18.95
80u

U. S. Naval Institute Proceedings Cumulative Index 1874 - 1977

NAVAL INSTITUTE PRESS
Annapolis, Maryland

Copyright © 1982
by the United States Naval Institute
Annapolis, Maryland

All rights reserved.
No part of this book may be
reproduced without written
permission from the publisher

Library of Congress Catalog Number: 64-54905
ISBN 0-87021-025-4

Printed in the United States of America

1871572

Preface

Since the appearance, in 1874, of the first Proceedings of the United States Naval Institute, first as a quarterly from 1874-1913, then as a bi-monthly periodical from 1914-1916, and, finally, as a monthly journal from 1917 to the present, 934 issues of the Proceedings will have been published by the end of 1981.

During this period of some 107 years, three principal indexes of editorial material have been prepared by individual compilers. The first such compilation, by Professor A. N. Brown, U. S. Naval Academy Librarian, covered the years 1874-1879, Volumes I-XV. The second, prepared by Captain Edward L. Beach, United States Navy, then Secretary and Treasurer of the Institute (1902-1903), covered the years 1874-1901, Volumes 1 to 27. The third index, compiled by James M. Saunders, covers Volume 28 to Volume 45, March 1902 to October 1919.

Commencing in 1959, an annual index was included in the December issue of the Proceedings, a practice which continued through 1969, when the annual index was made available as a separate document to those requesting copies.

In 1970, the Board of Control authorized the staff to undertake a three-phased project to produce a complete cumulative Proceedings index which would integrate all existing indexes with the master card index maintained for editorial and scholarly research. At the outset, the project promised to be almost prohibitively expensive as gauged by then current typesetting and printing costs, but even as the first phase of production -- integration of indexes into the master card file -- progressed, evolving capabilities in in-house typesetting and photo-reproduction provided a welcome breakthrough and ensured a final product at a cost which made the index available and affordable, not merely for libraries and institutions, but for the average reader-member.

This first complete cumulative index, then, covers all issues of the Proceedings, Volume 1 through Volume 103, 1874 through 1977, and is intended to be supplemented, yearly, by the annual index and, at established intervals, by the publication of bound supplements.

As such, the index will provide, for the first time and on a continuing basis, a complete compilation of Proceedings editorial material, available for all readers, libraries, institutions, and scholars as an unusual research source available at a modest cost.

Copies of the index may be ordered from the Naval Institute Book Department, Annapolis, Maryland 21402. A limited number of certain back issues of the Proceedings may also be obtained.

R. T. E. Bowler, Jr
Publisher and Secretary-Treasurer

User's Guide

The key to finding material described in this index is the pair of numbers following each entry. The first number in the pair is in boldface and indicates the issue number in which the indexed item is to be found. The numbers start with 1 for the first issue of the Proceedings in 1874 and run consecutively through 898, the issue of December 1977. To translate theses numbers into specific issues, please turn to the grids following this guide. Issue number 494, for instance, is April 1944; number 810 is August 1970. The second number in each pair, printed in regular type, is the page number within the issue on which the indexed item begins. From 1874 through 1957, page numbers ran consecutively for the entire year, excluding advertisements. Beginning in 1958, page numbering started anew with each monthly issue. For many of the entries in the cumulative index, more than one pair of numbers will be found. The first pair denotes the indexed item, and subsequent pairs indicate comments on the item that were published in later issues. For example, the article on buoys by J.F. Meade is listed on page 200 of this index; this article may be found on page 74 of the Proceedings issue of November 1972, and three comments on the article appear in the issues of March 1973, August 1973, and December 1973.

Standard editorial categories (some of which are abbreviated) that have appeared over the years are:

Anecdote--Anecdotes are listed alphabetically by author. These are amusing real-life incidents, but the reader is left to judge for himself whether some of the incidents really took place.

BkRev--Book Reviews. A complete list appears on pages 41-44, by book title and author. Reviews are also indexed by the names of book reviewers.

C&D--Comment and Discussion. These are relatively short items that comment on previously published material or initiate discussion on a new subject. Originally, Proceedings articles were circulated in manuscript form among Naval Institute members who might wish to comment on them. The comments thus solicited were published concurrently with the articles they discussed. In more recent years, the comments usually appear in issues following those in which the articles are contained.

Cover--For many years, the Proceedings displayed the same cover design, issue after issue. It was comprised of the insignias of the U.S. Naval Academy and the U.S. Naval Institute, and the table of contents for the issue. Since 1949, drawings, paintings, and photographs have been used to illustrate the cover. Cover illustrations are listed together on pages 73-75, and are indexed according to subject matter and by the

names of artists and photographers. See, for example, the paintings by artist R.G. Smith, which are listed on page 314.

NAMB--Nobody Asked Me But.... These are short opinion items published in the Proceedings since 1975.

NavRev--Naval Review. From 1970 to the present, the May Proceedings of each year has been titled the Naval Review. Items from those years are contained in this index. From 1962 through 1969, seven issues of the Naval Review were published in book form and not as issues of the Proceedings. (The first issue of the Naval Review covered two years: 1962-63.) Those seven issues are not covered in this work, although there is a subject index covering the first five issues of the Naval Review on pages 414-420 of the 1968 Naval Review.

Notebook--Since 1962, items of interest from other publications have been reprinted under this heading. They are frequently items of current news. Notebook items are found in this index listed alphabetically by subject.

NewNav--A Page From the New Navy. From 1958 to 1966, the Proceedings described new ships, aircraft, and other developments in a monthly column by this name.

OldNav--Old Navy. These are short articles on historical subjects that almost always deal with the history of the U.S. Navy.

Pictorial--This refers to a collection of photographs or artwork devoted to a common subject or theme.

ProfNote--Professional Notes. Prior to 1962, this category referred mostly to certain reprinted news items of the type more recently collected under the heading Notebook. Since 1959 and overlapping for a few years with the use of reprinted items, Professional Notes have consisted of original material. Generally they have been short articles, often of a technical nature.

Back copies of the Proceedings may be found in the following libraries for the years listed:

U.S. Air University Library, Maxwell Air Force Base, Alabama
U.S. Naval Postgraduate School Library, Monterey, California
University of California Library, Berkeley, California
University of Colorado Library, Boulder, Colorado
Yale University Library, New Haven, Connecticut
U.S. Library of Congress, Washington, D.C.
U.S. Navy Department Library, Naval History Center, Washington, D.C.
U.S. Naval Research Library, Washington, D.C.
U.S. Command and Staff College, Fort Leavenworth, Kansas
U.S. Naval Academy Library, Annapolis, Maryland
Peabody Institute Library, Baltimore, Maryland
Boston Public Library, Boston, Massachusetts
Harvard University Library, Cambridge, Massachusetts
Massachusetts Institute of Technology Library, Cambridge, Massachusetts
Massachusetts Historical Society, Boston, Massachusetts
Detroit Public Library, Detroit, Michigan
New York State Library, Albany, New York
Buffalo Public Library, Buffalo, New York
Cornell University Library, Ithaca, New York
New York Public Library, 5th Avenue at 42nd Street, New York, New York
Columbia University Library, New York, New York
Engineering Societies Library, New York, New York
U.S. Military Academy Library, West Point, New York
Dartmouth College Library, Hanover, New Hampshire
Cleveland Public Library, Cleveland, Ohio
U.S. Artillery and Guided Missile School, Fort Sill, Oklahoma
American Philosophical Society Library, Philadelphia, Pennsylvania
Lehigh University Library, Bethlehem, Pennsylvania
Franklin Institute Library, Philadelphia, Pennsylvania
Carnegie Library of Pittsburgh, Pennsylvania
Vanderbilt University Library, Nashville, Tennessee
U.S. Army Engineers' School Library, Fort Belvoir, Virginia
Mariners Museum, Newport News, Virginia
U.S. National War College Library, Fort McNair, Virginia
Seattle Public Library, Seattle, Washington

Inquiries concerning the purchase of microfilms of the Proceedings should be directed to University Microfilms, 300 North Zeeb Road, Ann Arbor, Michigan 48106.

Although the stock of back issues of the Proceedings is by no means complete, many issues are available for sale. To order, send a list of the issues desired to the Book Order Department, U.S. Naval Institute, Annapolis, Maryland 21402. Members of the Naval Institute will receive those copies which are in stock and will be billed for them. Non-members will be told which issues are available and the prices, and may then order them.

Xeroxes of individual articles or other features from the magazine may be purchased at a price of 15¢ per printed page by Naval Institute members and 25¢ per page by non-members. Please direct requests for Xeroxes to the Administrative Assistant, Naval Institute Proceedings, Annapolis, Maryland 21402. A bill will accompany the Xeroxed material.

The cumulative index is kept updated by means of annual supplements. Those for the years 1978 and later may be ordered for $1.50 per year from the Book Order Department, U.S. Naval Institute, Annapolis, Maryland 21402.

Proceedings Conversion Table

1873	Established
1874	number 1
1875	not published
1876	number 2
1877	number 3
1878	numbers 4, 5
1879	numbers 6, 7, 8, 9, 10
1880	numbers 11, 12, 13, 14
1881	numbers 15, 16, 17, 18
1882	numbers 19, 20, 21, 22
1883	numbers 23, 24, 25, 26, 27
1884	numbers 28, 29, 30, 31
1885	numbers 32, 33, 34, 35
1886	numbers 36, 37, 38, 39
1887	numbers 40, 41, 42, 43
1888	numbers 44, 45, 46, 47
1889	numbers 48, 49, 50, 51
1890	numbers 52, 53, 54, 55, 56
1891	numbers 57, 58, 59, 60
1892	numbers 61, 62, 63, 64
1893	numbers 65, 66, 67, 68
1894	numbers 69, 70, 71, 72
1895	numbers 73, 74, 75, 76
1896	numbers 77, 78, 79, 80
1897	numbers 81, 82, 83, 84
1898	numbers 85, 86, 87, 88
1899	numbers 89, 90, 91, 92
1900	numbers 93, 94, 95, 96
1901	numbers 97, 98, 99, 100
1902	numbers 101, 102, 103, 104
1903	numbers 105, 106, 107, 108
1904	numbers 109, 110, 111, 112
1905	numbers 113, 114, 115, 116
1906	numbers 117, 118, 119, 120
1907	numbers 121, 122, 123, 124
1908	numbers 125, 126, 127, 128
1909	numbers 129, 130, 131, 132
1910	numbers 133, 134, 135, 136
1911	numbers 137, 138, 139, 140
1912	numbers 141, 142, 143, 144
1913	numbers 145, 146, 147, 148
1914	numbers 149, 150, 151, 152, 153, 154
1915	numbers 155, 156, 157, 158, 159, 160
1916	numbers 161, 162, 163, 164, 165, 166

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	167	168	169	170	171	172	173	174	175	176	177	178
1918	179	180	181	182	183	184	185	186	187	188	189	190
1919	191	192	193	194	195	196	197	198	199	200	201	202
1920	203	204	205	206	207	208	209	210	211	212	213	214
1921	215	216	217	218	219	220	221	222	223	224	225	226
1922	227	228	229	230	231	232	233	234	235	236	237	238
1923	239	240	241	242	243	244	245	246	247	248	249	250

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1924	251	252	253	254	255	256	257	258	259	260	261	262
1925	263	264	265	266	267	268	269	270	271	272	273	274
1926	275	276	277	278	279	280	281	282	283	284	285	286
1927	287	288	289	290	291	292	293	294	295	296	297	298
1928	299	300	301	302	303	304	305	306	307	308	309	310
1929	311	312	313	314	315	316	317	318	319	320	321	322
1930	323	324	325	326	327	328	329	330	331	332	333	334
1931	335	336	337	338	339	340	341	342	343	344	345	346
1932	347	348	349	350	351	352	353	354	355	356	357	358
1933	359	360	361	362	363	364	365	366	367	368	369	370
1934	371	372	373	374	375	376	377	378	379	380	381	382
1935	383	384	385	386	387	388	389	390	391	392	393	394
1936	395	396	397	398	399	400	401	402	403	404	405	406
1937	407	408	409	410	411	412	413	414	415	416	417	418
1938	419	420	421	422	423	424	425	426	427	428	429	430
1939	431	432	433	434	435	436	437	438	439	440	441	442
1940	443	444	445	446	447	448	449	450	451	452	453	454
1941	455	456	457	458	459	460	461	462	463	464	465	466
1942	467	468	469	470	471	472	473	474	475	476	477	478
1943	479	480	481	482	483	484	485	486	487	488	489	490
1944	491	492	493	494	495	496	497	498	499	500	501	502
1945	503	504	505	506	507	508	509	510	511	512	513	514
1946	515	516	517	518	519	520	521	522	523	524	525	526
1947	527	528	529	530	531	532	533	534	535	536	537	538
1948	539	540	541	542	543	544	545	546	547	548	549	550
1949	551	552	553	554	555	556	557	558	559	560	561	562
1950	563	564	565	566	567	568	569	570	571	572	573	574
1951	575	576	577	578	579	580	581	582	583	584	585	586
1952	587	588	589	590	591	592	593	594	595	596	597	598
1953	599	600	601	602	603	604	605	606	607	608	609	610
1954	611	612	613	614	615	616	617	618	619	620	621	622
1955	623	624	625	626	627	628	629	630	631	632	633	634
1956	635	636	637	638	639	640	641	642	643	644	645	646
1957	647	648	649	650	651	652	653	654	655	656	657	658
1958	659	660	661	662	663	664	665	666	667	668	669	670
1959	671	672	673	674	675	676	677	678	679	680	681	682
1960	683	684	685	686	687	688	689	690	691	692	693	694
1961	695	696	697	698	699	700	701	702	703	704	705	706
1962	707	708	709	710	711	712	713	714	715	716	717	718
1963	719	720	721	722	723	724	725	726	727	728	729	730
1964	731	732	733	734	735	736	737	738	739	740	741	742
1965	743	744	745	746	747	748	749	750	751	752	753	754
1966	755	756	757	758	759	760	761	762	763	764	765	766
1967	767	768	769	770	771	772	773	774	775	776	777	778
1968	779	780	781	782	783	784	785	786	787	788	789	790
1969	791	792	793	794	795	796	797	798	799	800	801	802
1970	803	804	805	806	807	808	809	810	811	812	813	814
1971	815	816	817	818	819	820	821	822	823	824	825	826
1972	827	828	829	830	831	832	833	834	835	836	837	838
1973	839	840	841	842	843	844	845	846	847	848	849	850
1974	851	852	853	854	855	856	857	858	859	860	861	862
1975	863	864	865	866	867	868	869	870	871	872	873	874
1976	875	876	877	878	879	880	881	882	883	884	885	886
1977	887	888	889	890	891	892	893	894	895	896	897	898

General Prize Essay Contest Winners

1879
Prize Essayist:
A. D. Brown, Lieut. Comdr., USN. "Naval Education"
1st Honorable Mention:
C. F. Goodrich, Lieut. Comdr., USN. "Naval Education"
2nd Honorable Mention:
A. T. Mahan, Commander, USN. "Naval Education"

1880
Prize Essayist:
Charles Belknap, Lieutenant, USN. "The Naval Policy of the United States"

1881
Prize Essayist:
E. W. Very, Lieutenant, USN. "The Type of (1) Armored Vessel, (II) Cruiser Best Suited to the Present Needs of the United States"
Honorable Mention:
Seaton Schroeder, Lieutenant, USN. "The Type of (1) Armored Vessel, (II) Cruiser Best Suited to the Present Needs of the United States"

1882
Prize Essayist:
J. D. J. Kelly, Lieutenant, USN. "Our Merchant Marine: The Causes of Its Decline and the Means to be Taken for Its Revival"
Honorable Mention:
Carlos G. Calkins, Master, USN. "Our Merchant Marine: The Causes of Its Decline and the Means to be Taken for Its Revival"
F. E. Chadwick, Lieut. Comdr., USN. "Our Merchant Marine: The Causes of Its Decline and the Means to be Taken for Its Revival"
R. Wainwright, Lieutenant, USN. "Our Merchant Marine: The Causes of Its Decline and the Means to be Taken for Its Revival"

1883
Prize Essayist:
Carlos G. Calkins, Lieutenant, USN. "How May the Sphere of Usefulness of Naval Officers be Extended in Time of Peace with Advantage to the Country and the Naval Service?"
1st Honorable Mention:
N. H. Farquhar, Commander, USN. "How May the Sphere of Usefulness of Naval Officers be Extended in Time of Peace with Advantage to the Country and the Naval Service?"
2nd Honorable Mention:
A. P. Cooke, Captain, USN. "How May the Sphere of Usefulness of Naval Officers be Extended in Time of Peace with Advantage to the Country and the Naval Service?"

1884
Prize Essayist:
W. I. Chambers, Ensign, USN. "The Reconstruction and Increase of the Navy"

1885
Prize Essayist:
N. H. Farquhar, Commander, USN. "Inducements for Retaining Trained Seamen in the Navy, and Best Systems of Rewards for Long and Faithful Service"

1886
Prize Essayist:
Carlos G. Calkins, Lieutenant, USN. "What Changes in Organization and Drill are Necessary to Sail and Fight Effectively Our Warships of Latest Type?"
Honorable Mention:
W. L. Rodgers, Ensign, USN. "The Result of All Naval Administration and Efforts Finds Its Expression in Good Organization and Thorough Drill on Board of Suitable Ships"

1887
Prize Essayist:
C. T. Hutchins, Lieutenant, USN. "The Naval Brigade: Its Organization, Equipment and Tactics"

1888
Prize Essayist:
W. W. Reisinger, Commander, USN. "Torpedoes"

1891
Prize Essayist:
A. P. Niblack, Ensign, USN. "The Enlistment, Training and Organization of Crews for Our Ships of War"
Honorable Mention:
R. C. Smith, Lieutenant, USN. "Disposition and Employment of the Fleet: Ship and Squadron Drill"

1892
Prize Essayist:
William Laird Clowes. "Torpedo-boats: Their Organization and Conduct"

1894
Prize Essayist:
Seaton Schroeder, Lieut. Comdr., USN. "The U.S.S. Vesuvius, with Special Reference to Her Pneumatic Battery"
Honorable Mention:
F. M. Bennett, Passed Asst. Engr., USN. "Naval Reform"

1895
Prize Essayist:
R. Wainwright, Lieut. Comdr., USN. "Tactical Problems in Naval Warfare"
Honorable Mention:
Richmond P. Hobson, Asst. Nav. Constr., USN. "A Summary of the Situation and Outlook in Europe. An Introduction to the Study of Coming War"
William J. Baxter, Naval Constr., USN. "Suggestions for Increasing the Efficiency of Our New Ships"
Frank Marble, Ensign, USN. "The Battle of the Yalu"

1896
Prize Essayist:
A. P. Niblack, Lieutenant, USN. "The Tactics of Ships in the Line of Battle"
Honorable Mention:
William F. Fullam, Lieutenant, USN. "The Organization, Training and Discipline of the Navy Personnel as Viewed from the Ship"
Ryland D. Tisdale, Ensign, USN. "Naval Apprentices, Inducements, Enlisting and Training, The Seaman Branch of the Navy"
John M. Ellicott, Lieutenant, USN. "The Composition of the Fleet"

1897
Prize Essayist:
R. C. Smith, Sr., Lieutenant, USN. "Torpedo-boat Policy"
Honorable Mention:
H. G. Dohrman. "A Proposed Uniform Course of Instruction for the Naval Militia"
J. M. Ellicott, Lieutenant, USN. "Torpedoes in Exercise and Battle"

1898
Prize Essayist:
C. F. Goodrich, Captain, USN. "Esprit de Corps: A Tract for the Times"
Honorable Mention:
R. Wainwright, Lieut. Comdr., USN. "Our Naval Power"
R. H. Jackson, Ensign, USN. "Target Practice and the Training of Gun Captains"

1900
Prize Essayist:
R. H. Jackson, Lieutenant, USN. "Torpedo Craft: Types and Employment"
Honorable Mention:
L. H. Chandler, Lieutenant, USN. "The Automobile Torpedo and Its Uses"

1901
Prize Essayist:
John Hood, Lieutenant, USN. "Naval Administration and Organization"

1903
Prize Essayist:
Philip R. Alger, Professor, USN. "Gunnery in Our Navy. The Causes of Its Inferiority and Their Remedies"
Honorable Mention:
James H. Reid, Lieutenant, USN. "A Naval Training Policy and System"
C. L. Hussy, Lieutenant, USN. "Systematic Training of the Enlisted Personnel of the Navy"
E. L. Beach, Lieutenant, USN. "Our Torpedo-boat Flotilla. The Training Needed to Insure Its Efficiency"

1904
Prize Essayist:
S. P. Fullinwider, Sr., Lieutenant, USN. "The Fleet and Its Personnel"
Honorable Mention:
Howard E. Ames, Medical Inspr., USN. "A Plea for a Higher Physical, Moral and Intellectual Standard of the Personnel for the Navy"

1905
Prize Essayist:
B. A. Fiske, Commander, USN. "American Naval Policy"
Honorable Mention:
Stephen B. Luce, Rear Admiral, USN. "The Department of the Navy"

1906
Prize Essayist:
H. O. Rittenhouse, Commander, USN. "Promotion by Selection"
1st Honorable Mention:
A. P. Niblack, Commander, USN. "The Elements of Fleet Tactics"
2nd Honorable Mention:
Seaton Schroeder, Captain, USN. "Gleanings from the Sea of Japan"
3rd Honorable Mention:
J. A. Mudd, Pay Inspr., USN. "The Purchase System of the Navy"

1907
Prize Essayist:
J. A. Mudd, Pay Inspr., USN. "Storekeeping at the Navy Yards"
1st Honorable Mention:
Yates Stirling, Lieut. Comdr., USN. "Battle Rehearsals. A Few Thoughts on Our Next Step in Fleet-Gunnery"
2nd Honorable Mention:
Bradley A. Fiske, Commander, USN. "The Naval Profession"

1908
Prize Essayist:
W. S. Pye, Lieutenant, USN. "A Few Hints to the Study of Naval Tactics"
1st Honorable Mention:
J. A. Mudd, Pay Inspr., USN. "The Money for the Navy"
2nd Honorable Mention:
Yates Stirling, Lieut. Comdr., USN. "The Nation's Defense--the Offensive Fleet. How Shall We Prepare It for Battle?"

1909
Prize Essayist:
Ernest J. King, Lieutenant, USN. "Some Ideas about Organization on Board Ship"
Honorable Mention:
W. H. Beehler, Commodore, USN. "The Navy and Coast Defense"
J. A. Mudd, Pay Inspr., USN. "The Reorganization of the Naval Establishment"
A. P. Niblack, Commander, USN. "A Plea for Physical Training in the Navy"

1910
Prize Essayist:
T. G. Roberts, Nav. Constr., USN. "The Merchant Marine and the Navy"
Honorable Mention:
Lyman A. Cotten, Lieutenant, USN. "The Naval Strategy of the Russo-Japanese War"

1911
Prize Essayist:
Charles Conard, Paymaster, USN. "Navy Yard Economy"
Honorable Mention:
B. A. Fiske, Captain, USN. "Naval Power"
C. C. Marsh, Commodore, USN. "Wanted--First Aid"

1912
Prize Essayist:
Ridgely Hunt, Lieutenant, USN. "Naval Might"
Honorable Mention:
T. D. Parker, Commander, USN. "Inspection Duty at the Navy Yards"

1913
Prize Essayist:
Harry E. Yarnell, Commander, USN. "The Greatest Need of the Atlantic Fleet"
1st Honorable Mention:
Yates Stirling, Commander, USN. "Navy Department Organization. A Study of Principles"
2nd Honorable Mention:
Dudley W. Knox, Lieut. Comdr., USN. "Trained Initiative and Unity of Action"

1914
Prize Essayist:
Dudley W. Knox, Lieut. Comdr., USN. "The Greatest Lesson from Nelson for Today"
Honorable Mention:
John Hood, Captain, USN. "Naval Policy as It Relates to the Shore Establishment and the Maintenance of the Fleet"
Dudley W. Knox, Commander, USN. "Old Principles and Modern Applications"
Richard D. Gatewood, Nav. Constr., USN. "Military Preparedness"

1915
Prize Essayist:
Dudley W. Knox, Commander, USN. "The Role of Doctrine in Naval Warfare"
1st Honorable Mention:
Thomas D. Parker, Lieut. Comdr., USN. "An Air Fleet: Our Pressing Naval Want"
2nd Honorable Mention:
H. H. Frost, Ensign, USN. "Tactics"
3rd Honorable Mention:
R. T. Merrill, 2d, Ensign, USN. "Defense Against Surprise Torpedo Attack"

1916
Prize Essayist:
H. H. Frost, Lieut. (jg), USN. "The Moral Factor in War"
1st Honorable Mention:
J. K. Taussig, Lieut. Comdr., USN. "Naval Personnel"
2nd Honorable Mention:
Ridgely Hunt, Lieutenant, USN. "Education at the U. S. Naval Academy"
3rd Honorable Mention:
Dudley W. Knox, Commander, USN. "Some Underlying Principles of Morale"
Lippincott Prize:
Thomas L. Johnson, Lieut. Comdr., USN. "Large vs. a Greater Number of Smaller Battleships"

1917
Prize Essayist:
Lyman A. Cotten, Commander, USN. "Commerce Destroying in War"
1st Honorable Mention:
H. H. Frost, Lieutenant, USN. "The People's Role in War"

2nd Honorable Mention:
Dion Williams, Colonel, USMC. "The Nation's Greatest Need"

1918
Prize Essayist:
H. H. Frost, Lieutenant, USN. "Letters on Naval Tactics"
1st Honorable Mention:
H. O. Rittenhouse, Commander, USN. "The Preparedness of the Future"
2nd Honorable Mention:
Bradley A. Fiske, Rear Admiral, USN. "Naval Strategy"

1919
1st Honorable Mention:
Reginald R. Belknap, Captain, USN. "Military Character"
2nd Honorable Mention:
B. S. Bullard, Lt. Comdr. (CC), USN. "Some Reflections on the Three Factors of Battleship Design"

1920
Prize Essayist:
E. F. Eggert, Commander (CC), USN. "The Battleship"
1st Honorable Mention:
E. J. King, Captain, USN. "Some Ideas about the Effect of Increasing the Size of Battleships"
2nd Honorable Mention:
K. C. McIntosh, Lt. Comdr. (SC), USN. "U. S. C. N."

1921
Prize Essayist:
J. V. Chase, Captain, USN. "Accuracy of Fire at Long Ranges"
Honorable Mention:
H. H. Frost, Commander, USN. "A Description of the Battle of Jutland"
G. C. Westervelt, Commander (CC), USN and H. B. Sanford. "Possibilities of a Trans-Pacific Flight"
J. K. Taussig, Commander, USN. "A Study of our Naval Personnel Situation"
T. T. Craven, Captain, USN. "Naval Aviation and a United Air Service"
R. D. White, Captain, USN. "Leadership"

1923
Prize Essayist:
W. V. Pratt, Rear Admiral, USN. "Some Considerations Affecting Naval Policy"
Honorable Mention:
F. M. Perkins, Commander, USN. "Is the Fleet Strategically Concentrated?"

1924
Honorable Mention:
Russell Willson, Commander, USN. "Our Tactical Readiness for War"

1925
Prize Essayist:
R. E. Krause, Lieutenant, USN. "The Trend of Naval Affairs"
1st Honorable Mention:
O. C. Badger, Lieut. Comdr., USN. "History Repeats"
2nd Honorable Mention:
H. H. Frost, Commander, USN. "National Strategy"

1926
Prize Essayist:
Hector C. Bywater. "The Battleship and Its Uses"
1st Honorable Mention:
W. S. Anderson, Captain, USN. "Limitation of Naval Armament"
2nd Honorable Mention:
W. V. Pratt, Rear Admiral, USN. "Some Aspects of Our Air Policy"

1927
Prize Essayist:
Thomas L. Gatch, Lieut. Comdr., USN. "Our Weakest Link"
Honorable Mention:
F. G. Percival, Lieutenant, USN. "Cruiser Types"

1928
Honorable Mention:
Albert H. Rooks, Lieut. Comdr., USN. "On the Prevention of War"

1929
Prize Essayist:
F. G. Percival, Lieutenant, USN. "The Speed of Battleships"
Honorable Mention:
Dudley W. Knox, Captain, USN. "The Navy and Public Indoctrination"

1930
Prize Essayist:
Leland P. Lovette, Lieutenant, USN. "Naval Policy at the Crossroads"
1st Honorable Mention:
Ernest M. Eller, Lieut. (jg), USN. "Will to Win"
2nd Honorable Mention:
H. G. Brownson. "Sea Power and World Unity"

1931
Prize Essayist:
F. G. Percival, Lieutenant, USN. "Elements Contributing to Aerial Superiority"
Honorable Mention:
H. G. Brownson. "Naval Policy in Peace and War"

1932
Prize Essayist:
Ernest M. Eller, Lieut. (jg), USN. "Time is Life"
Honorable Mention:
Ralph C. Parker, Commander, USN. "An Analysis of the Air Menace"

1933
Prize Essayist:
William V. Pratt, Rear Admiral, USN. "Lest They Forget"
Honorable Mention:
Frederick J. Bell, Lieut. (jg), USN. "The Swing of the Pendulum"

1934
Prize Essayist:
Wilfred J. Holmes, Lieut., USN. "The Foundation of Naval Policy"
Honorable Mention:
Yates Stirling, Rear Admiral, USN. "Naval Preparedness in the Pacific Area"
Melvin F. Talbot, Lieut. Comdr. (SC), USN. "After 1936--The Problem of the Naval Treaties"

1935
Prize Essayist:
Melvin F. Talbot, Lieut. Comdr. (SC), USN. "Beyond the Treaties"

1936
Prize Essayist:
Frank S. M. Harris, Lieut. Comdr., USNR. "The Navy and the Diplomatic Frontier"
Honorable Mention:
Ronald T. Strong, Lieut. Comdr., USNR. "Pressures Against Peace"
Ernest M. Eller, Lieut., USN. "Sea Power in the American Revolution"
Ernest M. Eller, Lieut., USN. "Courage is Not Enough"

1937
Prize Essayist:
H. H. Smith-Hutton, Lieut., USN. "Naval Limitations"
Honorable Mention:
Dudley W. Knox, Captain, USN (Ret.). "Naval Power as a Preserver of Neutrality and Peace"
E. M. Eller, Lieutenant, USN. "The Sea and National Destiny"

1938
Prize Essayist:
Melvin F. Talbot, Lieut. Comdr. (SC), USN. "The Battleship - Her Evolution and Her Present Place in the Scheme of Naval War"

1939
Prize Essayist:
J. K. Taussig, Rear Admiral, USN. "An Organization for the United States Fleet"
Honorable Mention:
Robert Mills McClintock. "American Foreign Policy and Naval Power"

1940
Prize Essayist:
F. G. Percival, Lieut., USN (Ret.). "A Threat and an Opportunity"

1941
Prize Essayist:
Robert McClintock. "The Diplomacy of a 2-Ocean Navy"
Honorable Mention:
David W. Kendall. "American Sea Power: 1941 and Beyond"

1942
Prize Essayist:
E. M. Eller. "How Shall We Win?"

1943
Prize Essayist:
W. D. Puleston. "The Impact of Aviation on Sea Power"
Honorable Mention:
G. V. Stewart. "Followship"

1944
Prize Essayist:
William H. Hessler. "A Geopolitics for America"
Honorable Mention:
Ashley Halsey, Jr. "A Slide-Rule Formula for a Post-War Navy"

1945
Prize Essayist:
William H. Hessler. "Naval Power in Tomorrow's World"
Honorable Mention:
F. J. Nelson. "The Obligation of Freedom"

1946
Prize Essayist:
Russell H. Smith. "Notes on Our Naval Future"
Honorable Mention:
Walmer E. Strope. "The Decisive Battle of the Pacific War"

1947
Prize Essayist:
William H. Hessler. "Geography, Technology, and Military Policy"
Honorable Mention:
A. Talerico, Jr. "Operation Justice"

1948
Honorable Mention:
Charles Moran. "Security by Enactment"
M. A. Peel, Jr. "War-Making Must Be in the Hands of Those Who Hate War"

1949
Prize Essayist:
Harvey B. Seim. "Atomic Bomb--The X-Factor of Military Policy"
Honorable Mention:
Ralph E. Williams. "Power and America's Promise of Peace"
Charles R. Brown. "The Principles of War"

1950
Prize Essayist:
Ernest M. Eller. "Will We Need a Navy to Win?"
Honorable Mention:
William D. Puleston. "Dimensions and Characteristics of a Future War"
George H. Miller. "Strategy of the Future - A Second Look"
Charles R. Brown. "American National Strategy"

1951
Prize Essayist:
Ralph E. Williams, Jr. "National Security and Military Policy"

1952
Prize Essayist:
Samuel S. Stratton. "Korea: Acid Test of Containment"
Honorable Mention:
J. C. Wylie. "Reflections on the War in the Pacific"

1953
Prize Essayist:
Ralph E. Williams. "Sea Power and the Western Revolution"
Honorable Mention:
Joseph C. Wylie. "On Maritime Strategy"
W. C. Hogan. "These Issues We Must Teach"

1954
Prize Essayist:
Ralph E. Williams. "The Great Debate: 1954"
Honorable Mention:
Samuel S. Stratton. "Balance Sheet on Korea"

1955
Prize Essayist:
Ralph E. Williams. "America's Moment of Truth"
Honorable Mention:
D. M. B. Williams. "Patriotism Through Knowledge"

1956
Prize Essayist:
William R. Kintner. "American Responsibilities in the Nuclear Age"
Honorable Mention:
Maurice H. Hellner. "Sea Power and the Struggle for Asia"

1957
Prize Essayist:
Malcolm W. Cagle. "A Philosophy of Naval Atomic Warfare"

1958
Prize Essayist:
Ralph E. Williams. "Task for Today: Security through Seapower"
Honorable Mention:
William H. Hessler. "War: Always an Art"

1959
Prize Essayist:
P. H. Backus. "Finite Deterrence, Controlled Retaliation"
Honorable Mention:
George H. Miller. "Not for the Timid"
Roy L. Beavers, Jr. "Seapower and Geopolitics in the Missile Age"

1960
Prize Essayist:
Carl H. Amme, Jr. "Psychological Effects of Nuclear Weapons"
Honorable Mention:
Maurice H. Hellner. "Sea Power and Soviet Designs for Expansion"

1961
Prize Essayist:
Harvey B. Seim. "Are We Ready to Wage Limited War"
Honorable Mention:
William H. Hessler. "The Care and Feeding of an Oceanic Alliance"

1962
Prize Essayist:
Carl H. Amme, Jr. "Naval Strategy & The New Frontier"
Honorable Mention:
George E. Lowe. "Balanced Forces or Counterforce--Does It Make a Difference"
Charles O. Lerche. "Contrasting Strategic Styles in the Cold War"

1963
Prize Essayist:
Carl H. Amme, Jr. "The Changing Nature of Power"
1st Honorable Mention:
Stephen De La Mater. "The Navy Image"
2nd Honorable Mention:
Harvey O. Webster. "The Message Gap"

1964
Prize Essayist:
Carl H. Amme, Jr. "Crisis of Confidence"
1st Honorable Mention:
John D. Alden. "Unfaced Challenge--Submarine vs Free World"
2nd Honorable Mention:
Carl M. Guezlo. "Chore or Challenge: An Ethic for the Nuclear Age"

1965
Prize Essayist:
John D. Hayes. "Sine Qua Non of U. S. Sea Power: The Merchant Ship"
1st Honorable Mention:
Gordon S. Hodgson. "Sea Based Air Striking Power"
2nd Honorable Mention:
Carl H. Amme, Jr. "Nuclear Control and the Multilateral Force"

1966
Prize Essayist:
Robert H. Smith, Jr. "Submarine--Long Shadow Across Tomorrow"
1st Honorable Mention:
Richard Stillman. "The Pentagon Whiz Kids: A Military Appraisal"
2nd Honorable Mention:
William R. Van Cleave. "The Nuclear Weapons Debate"

1967
Prize Essayist:
Harold W. Rood. "Distant Rampart"
1st Honorable Mention:
John D. Chase. "South of Thirty"
2nd Honorable Mention:
Gordon S. Hodgson. "Of Hawks and Doves"

1968
Prize Essayist:
Paul R. Schratz. "The Caesars, the Sieges, and the Anti-Ballistic Missile"
1st Honorable Mention:
Robert J. Hanks. "The High Price of Success"
2nd Honorable Mention:
Samuel P. Ingram. "Civilian Command or Civilian Control?"
3rd Honorable Mention:
George E. Lowe. "The Case for the Oceanic Strategy"

1969
Prize Essayist:
J. J. Clark. "Geopolitics of American Security: 'The Encircling Sea'"
1st Honorable Mention:
Stanley L. Harrison. "Misguided Mission: The Elusive Goal of Nonproliferation"
2nd Honorable Mention:
Robert J. Hanks. "The Paper Torpedo"
3rd Honorable Mention:
C. L. Parnell. "Victory in Limited War"

1970
Prize Essayist:
Robert J. Hanks. "Against All Enemies"
1st Honorable Mention:
Ralph E. Williams, Jr. "After Vietnam"
2nd Honorable Mention:
Paul R. Schratz. "Red Star over the Southern Sea"

1971
Prize Essayist:
Robert H. Smith. "A United States Navy for the Future"
1st Honorable Mention:
Carl H. Builder & James A. Winnefeld. "...A Matter of Time..."
2nd Honorable Mention:
George E. Lowe. "The Only Option?"

1972
Prize Essayist:
Raymond J. Barrett. "The Balance of Power--Again"
1st Honorable Mention:
Paul R. Schratz. "The Nuclear Carrier and Modern War"
2nd Honorable Mention:
John C. Seymour. "Some Civilian Thoughts on the Navy"
Roy Beavers. "End of an Era"

1973
Prize Essayist:
Robert Leider. "Defense Planning for a Difficult Future"
1st Honorable Mention:
J. E. Greenbacker. "The Lesson of Vietnam"
2nd Honorable Mention:
Craig Hosmer. "The New Geopolitics"
3rd Honorable Mention:
J. K. Holloway, Jr. "The Red Navy's Role in the Sino-Soviet Split"

1974
Prize Essayist:
Roy L. Beavers. "Counterforce and Countervalue"
1st Honorable Mention:
P. A. Dur. "Future of the United States 6th Fleet"
2nd Honorable Mention:
S. A. Swarztrauber. "An Appeal to Countrymen"
Hugh C. Ware. "Left-Handed Monkey Wrenches and Phila. Screwdrivers"

1975
Prize Essayist:
Hans Garde, Cdr., Royal Danish Navy). "Where Is the Western Navy--The World Wonders"
1st Honorable Mention:
R. D. Colvin, (Capt., USN). "National Security--Can We Sell the Program"
2nd Honorable Mention:
Norman L. Stone. "The Trend in Naval Power--A Crisis of Resolve"

1976
Prize Essayist:
Robert H. Smith. "Tactical Development in the Fleet"
1st Honorable Mention:
John E. Greenbacker. "Where Do We Go From Here?"
2nd Honorable Mention:
Gerald G. O'Rourke. "Is Tacair Dead?"

1977
Prize Essayist:
J. L. McClane. "The Specialized Character of NATO"
1st Honorable Mention:
E. F. Black. "National Security Policy for the 1980s: A Proposal for Greater Public Participation"
2nd Honorable Mention:
Charles L. Parnell. "Should Unionization of U. S. Military Forces be Permitted?

1978
Prize Essayist:
J. L. George. "The V/STOL Catch 22's"
1st Honorable Mention:
K. R. McGruther. "Naval Policy at the Crossroads: The Dilemma of the U. S. Pacific Fleet"
2nd Honorable Mention:
Andrew W. Hull. "Potential Soviet Responses to the U. S. Submarine Threat in 1980s"

1979
Prize Essayist:
R. J. Hanks. "U. S. National Strategy: Outward Bound...With Inadequate Charts"
1st Honorable Mention:
J. L. George. "SALT and the Navy"
2nd Honorable Mention:
R. T. Burns. "The U. S. Naval Services and the Soviet-Cuban Enterprises"

1980
Prize Essayist:
Robert H. Smith, Capt., USN (Ret.). "Mine Warfare: Promise Deferred"
1st Honorable Mention:
Robert J. Hanks, Rear Adm., USN (Ret.). "The Swinging Debate"
2nd Honorable Mention:
W. S. Hoffman, Cdr., USN. "The State of the Navy"

1981
Prize Essayist:
T. Wood Parker, Jr., LCdr., USN. "Thinking Offensively"
1st Honorable Mention:
Dr. James L. George. "Needed: Flying Squadrons for Flexibility"
Wayne P. Hughes, Jr., Capt., USN. "Missile Chess: A Parable"

A

A2F Intruder: See Cover Pictures - May 1961.
A2F-1 Intruder: See New Navy.
A3J-1 Vigilante: See New Navy.
A-6A Intruder in Vietnam (ProfNotes). R.J. Hays **767**, 120.
A-7 Light Attack Jets Studied by West German Navy (Notebook) **786**, 157.
A-7 (U.S. Submarine): Fatal explosion aboard the A-7 **175**, 2124.
A-7As Deploy to Vietnam (Notebook) **786**, 152.
A-7B Deliveries Delayed (Notebook) **785**, 146.
AA-1 (U.S. Submarine): Launched **188**, 2381.
AA-2 (U.S. Submarine)
  Launched **200**, 1781.
  Submarine trials **202**, 2083.
Aamold, Walter
  Athletic Training at Naval Academy **392**, 1560.
  Early Days of the Telephone at the U.S. Naval Academy (Old Navy) **869**, 70.
  Every Officer a Coach **237**, 1907.
  Maintaining Youth in Service **232**, 959.
  Naval Academy Athletics 1845-1945 **512**, 1155.
  Naval Posture **278**, 684.
  Smoke Screen Athletics **252**, 237.
Aaron, Leonard: That's My Boy (anecdote) **773**, 59.
Aaron, R.I. Campus Unrest (Caldwell) (C&D) **800**, 101.
Abangarez (US): See O-5 Is Down!
Abatie, Jr.: Pictorial--Submarine Memorials (Hagerman) (C&D) **835**, 93.
Abbazia, Patrick
  Book Review **859**, 105. **862**, 84, 85. **888**, 85.
  When the Good Shepherds Were Blind **871**, 49. **875**, 73, 74. **876**, 79, 80. **882**, 74. **886**, 88.
Abbot, J.L., Jr. **676**, 123.
  Naval Academy of Today and Its Mission **691**, 31.
Abbott (USS): Launched **186**, 1861.
Abbott, C.H.: New Torque-Free Line Retrieves H-Bomb (C&D) **774**, 108.
ABC's of propeller. H.F.D. Davis **335**, 228. **341**, 964.
"ABCD Ships": See Our First Steel Warships (Pictorial).
Abdul Hamid (Turkish cruiser)
  Description **108**, 985.
  The Sultan's Submarines. V.L. Collins **860**, 66.
Abdul Mecid (Turkish cruiser): The Sultan's Submarines. V.L. Collins **860**, 66.
Abdul Medjidie (Turkish cruiser): Description **107**, 761.
Abel, Sir F.A.: Electricity Applied to Explosive Purposes **27**, 767.
Abele, C.A. **285**, 2293.
Aber, J.W., Jr., and P.W. Garber: Navy and the Merchant Marine **805**, 40. **813**, 89. **814**, 85.

Abercrombie, L.A. (joint author): See Pratt, F.
Abernethy, E.P.: The Pecos Died Hard **802**, 74. **810**, 102, 103.
Abert, J.G.: Cost-Effective Reserve Forces **837**, 52. **844**, 93.
Abhau, Conrad: Operations Research, Aid to Military Decision (ProfNotes) **678**, 137.
Abhau, W.C.: First Lieutenant: Relic of Days of Sail **458**, 506. **461**, 1009. **464**, 1463.
ABM: The High Cost of Living. D.M. Johnston, Jr. **776**, 26. **779**, 100. **781**, 109.
Aboukir (HMS): Sunk by submarine **154**, 1863.
Aboukir Bay, Significance of. R.A. Cahill **773**, 79.
Absence Over Leave (See Leave).
Abshire, D.M.: Naval Battle of Navarino, 1827 **671**, 93. **678**, 106.
Abt, C.C.: Submarine-Aircraft Carrier (ProfNotes) **728**, 149.
Academic corps of officers: Officer Educational Specialist--A Proposal (ProfNote). J.B. Washbush and L.R. Hess **833**, 116. **837**, 90.
Academician in Naval Profession. W.H. Crew **354**, 1110. **361**, 416.
Acadia (SS) **350**, 662. **354**, 1228. **356**, 1530.
Acania (US) **858**, 116.
Acasta (HMS) **318**, 718. **320**, 900. **337**, 397.
Accelerated Turnover Plan (ACTOV) **819**, 205.
Accelerated Turnover Program, U.S. Navy's ACTOV (ProfNotes). J.M. White **804**, 112.
Accidents
  Casualties, Time and Money (ProfNotes). Kemp Tolley **694**, 135.
  Industrial accident prevention. I.B. McDaniel **344**, 1313.
  Preventing the Preventable Accident. E.S. McGinley, II **844**, 56.
Accidents--Aviation
  Bring 'Em Back Alive--Navy Style. J.B. Penfold **507**, 499.
  "Dilbert Dunker" C.F. Barrett **504**, 173.
  Hercules Unchained. W.S. Kosar **884**, 151.
  Mystery of the L-8 (Old Navy). Irwin Ross **805**, 84.
  No Birddog in the Soup. P.W. Mandel **647**, 25.
  Our Crowded Skies. R.J. Koch, Jr. **811**, 26. **818**, 93.
  Tall Tale. J.O. Vosseller **456**, 187.
  Two-Block Fox. G. van Deurs **625**, 301.
Accidents-Vessels
  See also: Boiler explosions; collisions and groundings; guns (ordnance) accidents; magazine explosions; names of vessels.
  Abangarez and O-5 **356**, 1531.
  Accidental depth charge explosion aboard USS Manley **183**, 1136.
  Amagi **251**, 110.
  Andrea Doria-Stockholm
    Disaster. J.C. Carrothers **822**, 26.
    There Must Have Been a Third Ship. J.C. Carrothers **665**, 53. **669**, 102, 103, 104, 105.
    Uneasy Lies the Head That Wears a Crown. J.C. Carrothers **647**, 69.
  Arctic Disaster: Maury's Motivation. A.C. Brown **779**, 78.
  Armeria (US lighthouse tender) **413**, 939.
  Atlante, Remarkable Wreck of HMS. H.P. Martin **472**, 811.
  Attempt to Save the Wellington (Old Navy). M.F. Willoughby **782**, 130.
  Australian Destroyer Voyager Sunk (Notebook) **734**, 161.
  Bermuda **347**, 127.
  Bieg, V.N. Casualties and experience **148**, 1585.
  Black Tide of the Torrey Canyon (ProfNote). T.B. Wilson, Jr. **778**, 133.
  Black Wake of the Torrey Canyon. J.M. Marshall **778**, 38. **782**, 100, 102.
  Blas de Lezo **355**, 1378.
  Buoys Will Be Buoys. J.F. Meade **837**, 74. **841**, 108. **846**, 91. **850**, 91.
  Burden of Being Privileged. R.A. Cahill **743**, 37. **746**, 102, 104. **750**, 118, 119.
  A Case of Calculated Mischief. R.F. Bennett **877**, 76.
  Centauro (RIN) **228**, 320.
  Chile (SS) **228**, 320.
  Close Shaves or Collisions? (ProfNotes) F.B. Gilkeson **698**, 129.
  Coast Guard in the Central and Western Pacific (NavRev). J.W. Moreau **843**, 270.
  Collision Prevention **694**, 104.
  Collision at Sea in Fog: The Common-Sense Approach. F.J. Wylie (ProfNote) **727**, 120.
  Collisions and Groundings: Preventing the Preventable. R.C. Hill **862**, 42.
  Collisions Outnumber Strandings (Notebook) **774**, 150
  Cost of Marine disasters 1913 **150**, 615.
  Courbet (FN) **263**, 116.
  Course Zero Nine Five [Honda Point]. R.B. Hadaway **647**, 40, 47. **663**, 109, 110, 111, 112.
  The Cruel Business of Accountability. J.E. Greenbacker **894**, 24.
  Cyclops Mystery (Old Navy). C.A. Nervig **797**, 148.
  Damage Control, Ready or Not. P.C. Simon **767**, 33. **771**, 120. **774**, 104.
  Damage to Japanese destroyers by typhoon in Ise Bay **145**, 386.
  Dangerous and Exotic Cargoes (NavRev). H.D. Williams **843**, 224.
  Day the SecNav's Stars Blew Off. R.A. Dierdorff **641**, 700.
  Depths of Ignorance. C.N.G. Hendrix **783**, 32. **787**, 110.
  Devonshire (HMS) **320**, 899.
  Discovery (HMS) **427**, 1307.
  Dundalk and H-33 **357**, 1675.
  Edgar Quinet **325**, 239.
  Exeter City: Rescue of Crew of a Foundering Vessel. G.C. Stedman **363**, 681.
  Fatal cartridge-case explosion aboard USS Montana **182**, 848.
  Fatal Steam-drum explosion on board French Massena **145**, 371.
  Fatal turbine casing explosion aboard USS Walke **144**, 1667.
  Fiat Justitia, Ruat Caelum, Chinese Style. W.E. Brown **429**, 1585.
  France **236**, 1791. **249**, 1896.
  Fredonia **281**, 1319.
  French torpedo-boat 325 **202**, 2068.
  German York fatal explosion while engaged in minelaying practice **145**, 373.
  Honda Point: Disaster, Navigational Aspects of the. Donald McClench **647**, 47.
  Huron (US): October; All Over. J.M. Ellicott **466**, 1743.
  Hypnotized by Red Light. J.K. Taussig **523**, 1171.
  Hyuga (HIJMS) **202**, 2078.
  Italian Regina Margherita anchor chain kills officer **148**, 1755.
  Kaga **356**, 1529.
  Kungsholm **313**, 240.
  Last Crunch. A.W. Harris (C&D) **852**, 90.
  "Leave It at Six Cables". D.E. Martin **701**, 72.
  Left-Handed Shiphandling. D.F. Miley **721**, 36.
  Lesson Learned from USS Frank E. Evans/HMAS Melbourne Disaster (Notebook) **802**, 156.
  Let's Change the Rules. J.E. Wesler **676**, 35. **679**, 104.
  Liberty Glo (U.S. SS) **426**, 1107, 1236. **429**, 1641.
  Lightship collisions **420**, 303.
  Lloyd's statistics **227**, 125.
  Lord of the California. J.C. Carrothers **781**, 58. **784**, 109, 110. **786**, 111, 112. **790**, 106, 108.
  Loss of the Prince of Wales and Repulse (C&D) **858**, 95.
  Loss of the Turkish Frigate Ertugrul (OldNav) Erdogan Sumnu **837**, 80.
  Mariette Pacha (Fr. SS) **449**, 1066.
  Marine Collision (ProfNotes). J.H. Beattie **712**, 132.
  Memorable Shipwrecks. H.F. Krafft **307**, 759.
  Merchant Ships Sinking at Rate of One a Day (Notebook) **837**, 117.
  Mississippi (U.S.) **258**, 1377. **259**, 1575.
  Missouri (U.S.): Refloating. A.E. Smith (Pictorial Section) **576**, 181. **586**, 1340.
  Monitor Went Down. H.P. Martin **461**, 927.
  Mount Hood Explosion. C.A. Gile **720**, 89.
  Niobe **355**, 1374.
  Notaro **345**, 1574.
  The O-5 Is Down! Julius Grigore, Jr. **828**, 54. **837**, 94. **838**, 88.
  The Old Iowa's Ram (OldNav). C.J. Hoffman **862**, 64.
  USS Orizaba: accidental depth-bomb explosion **188**, 2459.
  Overdue Aids to Navigation (ProfNote). F.D. Higbee **821**, 103.
  Princeton Explosion. A.H. Miles **285**, 2225.
  Proceed to Assist: The Belknap Ablaze. R.C. Powers **882**, 100. **884**, 101.
  Radar Collisions and the Courts. J.K. Ford **854**, 77.
  Radar, Collisions, and Rules of the Road. J.K. Taussig, Jr. **559**, 1029.
  Refuges for shipwrecked sailors **419**, 38.
  Regent and Douglas **353**, 1072.
  Renate **355**, 1378.
  Rescue of Crew of Foundering Vessel. G.C. Stedman **363**, 681.
  Rescue of the Pisces III (ProfNote). H.R. Talkington **856**, 114.
  Restricted waters, Handling vessels in. F.E. Nelson **304**, 446.
  Royal George (HMS) **431**, 74. **433**, 403.
  Rules of the Road **676**, 107.
  Rules of the Road, Problems in Revising. (ProfNotes). R.P. Maurice **676**, 129.
  S-51 (U.S.) **397**, 329.
  "Safety in Operations," 1938--New Safety Era in American Merchant Marine. E.C. Holden, Jr. **425**, 990. **428**, 1492.
  Safety Third. J. Hanna **414**, 1144. **417**, 1625, 1626. **419**, 100. **420**, 261. **424**, 885.
  Schurz (U.S.): [former Geier (Ger.)], and Florida **379**, 1280.
  Shaw-Aquitania
    A.G. Berry **285**, 2275.
    Shaw (U.S.)-Aquitania (Br.SS) Collision **411**, 633.
  Ship Aground: The Do's and Don'ts (ProfNote). W.I. Milwee, Jr. **853**, 118.
  Ship Losses in '63 Set 12-Year High (Notebook) **743**, 141.
  Speed, Swells, and Damage--Who Pays? T.G. Schirmeyer **415**, 1275.

Stems, Safe, for Ships. T.W. Sheridan **388**, 812.
Submarine Disasters in Peacetime, 1900-1971 (NavRev). C.L. Somers **831**, 319. **837**, 91.
Sultana (U.S. SS): Worst Marine Disaster in U.S. History. R.P. Dillon **562**, 1387.
Summary of accidents due to military causes, 1909, 1910, 1911. (World's navies) **144**, 1172.
Swell Damage. T.W. Sheridan **444**, 177.
Tacoma
Wreck of the. W.A. Sullivan **257**, 1062.
Wreck of the (ON) K.S. Read **820**, 74.
Texaco Oklahoma: Another Bermuda Triangle Victim (ProfNote): M.R. Adams **877**, 109.
Those Who Can. John J. St. John **680**, 50.
Thresher (SSN-593)
E.W. Grenfell **733**, 37.
F.A. Andrews **735**, 68.
Titanic Disaster. J.C. Carrothers **710**, 57. **717**, 115, 117, 118.
Trieste **356**, 1527.
Tulsa ice machine **354**, 1219.
Two Tugs and Freighter. C.C. Hanks **412**, 810.
Valor of Inexperience. Harvey Haislip **678**, 34.
Vanished Ships. C. Lathrop **377**, 949.
Victoria and Camperdown. Frank Lipscomb **659**, 53. **665**, 108.
Victoria (HMS), Tryon and. R.E. Bassler **379**, 1270.
VLCC Aground: Everybody's Problem (ProfNote): J.A. Atkinson **877**, 95.
Warabi and Jintsu **297**, 1221.
West Virginia gun **353**, 1068.
World's warships, 1900-25. **259**, 1576.
Accommodations and ship habitality: Accommodations--the Squeeze Play. R.L. Tarbox, Jr. **730**, 52.
Accountability
An Absence of Accountability. R.L. Beavers **875**, 18. **878**, 81.
Annapolis "...the word is accountability" (Pictorial) **812**, 69.
Can do! Should do? (Nobody asked me, but...) **889**, 86.
The Cruel Business of Accountability. J.E. Greenbacker **894**, 24.
Accountability: Crumbling Keystone. B.C. Dean **839**, 40. **844**, 94.
Accountable Officer, Laws of. C.J. Harter **599**, 59.
Accounting: Keeping accounts of officers' messes. B.H. Brooke **174**, 1755.
Accounting: Navy Yard Accounting. G.P. Auld **159**, 1421.
Accuracy of fire at long ranges. J.V. Chase **210**, 1175.
Acda, G.M.W.
Fair Exchange **773**, 60.
(1) Education and training
(2) Netherlands--Navy
(3) Exchange programs
Resurgent Rotterdam **806**, 70.
"AcDuTra": A Reserve's Judgment. W.C. Becker **769**, 70. **775**, 117, 118. **777**, 105.
Aces, German U-boat **802**, 49.
Escort-of-Convoy, Still the Only Way. R.A. Bowling (C&D) **808**, 111, 112.
Acey-Deucy, Navy Game. M.W. Cagle **579**, 513.
Achates (HMS) **318**, 718.
Acheron (HMS) **328**, 543. **343**, 1268. **344**, 1419. **345**, 1573.
Achilles (HMS) **344**, 1411. **357**, 1675. **454**, 1833.
Launched; description **115**, 716.
Acker, F.C.: Taranto--"ABC" Copenhagens Enemy **534**, 907. **537**, 1377.
Ackerman, A.A.
Face-hardened Armor **73**, 1.
Management of Boat in Surf **51**, 573.
Navy Boats **54**, 279.
Ackley, Richard T.
The Fishing Fleet and Soviet Strategy **869**, 30.
Moskva Joins the Soviet Navy (Terzibaschitsch) (C&D) **799**, 104.
The Soviet Merchant Fleet **876**, 27.
Acoustic measurements: Sensor Accuracy Check Site (ProfNote). A.G. Menke **844**, 111.
Acronyms, Why Use (C&D) **874**, 79.
Across continent by automobile. A.M.R. Allen **339**, 653.
Across continent with insane man. R.E. Coontz **225**, 1749.
Across the Top. V.F. Keith **810**, 60.
Action: Ships of War in Action **87**, 501.
Active Duty For Training: "AcDuTra": A Reserve's Judgment. W.C. Becker **769**, 70. **775**, 117, 118. **777**, 105.
Active (HMS)
Illus.; description **144**, 1647.
Illus.; plans **158**, 1114.
Ada Tepe (Turkish DD) **346**, 1717.
Adair, C.: Flying Around a Waterspout **388**, 845. **393**, 1693. **394**, 1846.
Adair, Charles: Dissidence Is Not a Virtue (Burke) (C&D) **885**, 80.
Adair, F.S.: Future for the Destroyer? (Ruhe) **833**, 97.
Adair, J. **554**, 476.
Adak Harbor: See Cover Pictures--August 1952.
Adamant (HMS) **351**, 766. **352**, 923.
Adamich, Z.V.: Royal Yugoslav Navy in World War II (ProfNotes) **722**, 138.
Adams, A.C.: Very High Altitude Firing (anecdote) **583**, 953.
Adams, A.D.: Electric Auxiliary Machine in the U.S. Navy **92**, 956.
Adams, Brooks: War as the ultimate form of economic competition **108**, 829.
Adams, C.F.
Quoted "This is hell." **348**, 284.
Quoted re U.S. Navy **346**, 1706.
Reorganization of U.S. Fleet **335**, 110.
Speeches as SecNav **342**, 1106. **354**, 1217.
World Peace foundation in error **346**, 1746.
Adams, C.R.
The Final Word (anecdote) **844**, 55.
Getting Back to the States (anecdote) **664**, 65.
Lieutenant General Lewis B. Puller, U.S. Marine Corps (C&D) (Notebook) **832**, 104.
The New Uniforms: Who Wants Them? (C&D) **871**, 81. **873**, 76. **875**, 67.
Vice Admiral Chuichi Hara: Unforgettable Foe (Bartlett) **816**, 84.
Adams, D.P. **256**, 877.
Adams, H.H. **672**, 124. **689**, 106.
Flags for Torpedoes (anecdote) **636**, 151.
No Room for Ammunition (anecdote) **635**, 31.
Price of Commanders (anecdote) **640**, 633.
Adams, J.D.: On training ships **102**, 277.
Adams, John (1735-1826): The American Navy and the opinion of one of its founders, John Adams. C.G. Calkins. **138**, 453.
Adams, John: letter on state of Navy and reply **466**, 1813.
Adams, K.T.: "On Soundings." **438**, 1121.
Adams, M.R.
Annapolis and New London Diets: Not Nearly Enough Salt (Nobody asked me, but...) **872**, 92.
Counterforce or Countervalue (Beavers) (C&D) **858**, 91.
Deputies of Zeus: Morality and the Vietnam War (Wermuth) (C&D) **861**, 92.
Nondum Paratus for Deep-Sea Disasters (Joseph) (C&D) **868**, 80.
No-Nonsense Discipline for Drug Abusers (Bowling) (C&D) **898**, 82.
Norfolk: Lucrative Target? (C&D) **862**, 90. **866**, 87.
Ocean Weather Station Hotel: A Stormy Address (ProfNote) **866**, 100.
The Sea in the Making of America (Reynolds) (C&D) **887**, 88.
Texaco Oklahoma: Another Bermuda Triangle Victim? (ProfNote) **877**, 109.
You Gotta Look Out for Old Number One (Saur) (C&D) **881**, 81.
Adams, N.T.
Tanker Charter Market **758**, 82.
(1) Chartering
(2) Merchant Marine
(3) Tankers
Adams, P. **359**, 108.
Adams, R.E.: Fair Warning (anecdote) **656**, 1111.
Adams, R.B., and Hunnewell, F.A.: Vessels and boats of U.S. Coast Guard **315**, 401.
Adams, Scarritt: Snug Harbor for Naval Memorabilia **676**, 71. **680**, 103.
Adams, T.G.: At the Sound of the Alarm (anecdote) **808**, 67.
Adams (U.S.): Training in the USS Adams (Old Navy). Lee Strobel **732**, 156.
Adams, W.T. **702**, 115.
Birth of the Aircraft Carrier (Old Navy) **770**, 162.
(1) Civil War
(2) George Washington Parke Custis
(3) Balloon boat
Outranked on the Freeway (anecdote) **837**, 41.
Red Rover: First Hospital Ship of the U.S. Navy (Old Navy) **789**, 149.
Adams, Will, Seaman and Samurai. R.M. McClintock **395**, 49.
"Adams" Men-of-War. D.W. Knox **357**, 1549. **358**, 1845.
Adamson, G., and D. Van Patten: Motor Torpedo Boats: A Technical Study **449**, 977.
Adamson, H.C.: See Book Reviews: Lockwood, C.A.
Adamson, K.F. **243**, 853.
Adder (USS): Trials **102**, 386.
Addonizio, L. **374**, 547.
Adee, Graham M.
Prevention of graft in officers' mess. **155**, 139.
Selling to service **252**, 235.
Adelaide (Australian cruiser): Launched **187**, 2101.
Adell, C.C. **448**, 873.
Adlhock, T.M.: "...Justice For All?" (Proctor) (C&D) **796**, 104.
Administration
The Admiral's Question (C&D) **868**, 84. **872**, 90.
"Captain Fox--He Is the Navy Department". J.D. Hayes **751**, 64. **758**, 134.
Office of International Security Affairs. T.J. Bigley **758**, 61.
So Much To Do...So Little Time. G.E. Brainerd **835**, 62.
Specter of a "Man on Horseback." G.E. Lowe **731**, 26.
Administration--Naval
See: Naval Administration.
S.B. Luce **46**, 561.
Administration (Naval) and Organization. Prize Essay, 1901. John Hood. **97**, 1.
Administration and Organization
Accountable Officer, Laws of. C.J. Harter **599**, 59.
Administration. A.G. Zimermann **393**, 1637.
Administrative flagship for fleet. J.K. Taussig **234**, 1299. **237**, 1943. **243**, 847.

Administration and Organization (Cont.)
Allied Staffs. H.E. Eccles **606**, 859. **608**, 1129.
Are There "Giants"Today? **695**, 116.
Assumption of Responsibility—Essence of Command. W.P. Mack **695**, 61. **699**, 125. **703**, 108.
Balanced fleet for navy. J.K. Taussig **269**, 1107. **271**, 1744.
Basic Principles Underlying Staff Organization. R.H. Smith **553**, 309. **563**, 88.
Basis of Unity. E.E. Wilson **571**, 961.
Battleship organization. J.K. Esler **249**, 1805. **252**, 252, 256.
Best Was Yet to Be, The. (1873). J.R. Wadleigh **849**, 56.
Better preparation for war. A.W. Hinds **282**, 1496.
Bureau of Navigation annual report **283**, 301. **348**, 301.
Challenge to Navy Management. Fred Korth **726**, 26.
Chance of a Lifetime. W.B. Hayler **637**, 298.
Chief of naval operations: Report **264**, 304.
Civilian Control, A Look at. P.R. Schratz **712**, 35. **722**, 117.
Civilian Control of Armed Forces. A. Wermuth **622**, 1341.
Colonial Administration by United States Naval Officers. E.S. Pomeroy **488**, 1320.
Colonial Government, Navy and. E.S. Pomeroy **505**, 291.
Combined staff. J.M. Scammell **224**, 1553.
Command Attention! R.D. Ward (Professional Note). R.D. Ward **664**, 132.
Command and Control in the Nuclear Age. J.T. Hayward and P.J. Keaney **729**, 38.
Command, Functions of. A.E. True **471**, 677.
Command and the Intelligence Process. R.L. Taylor **690**, 27.
Command of the Polaris Submarine. L.R. Vasey (Professional Note) **679**, 122.
Command Primer. E.J. Markham, Jr. **691**, 85. **699**, 125. **703**, 108. **708**, 107.
Command Relations in Amphibious Warfare. W.H.P. Blandy **580**, 569.
Command, Tactics and. M.F. Talbot **359**, 9.
Command, U.S. Navy. J.W. Greenslade **805**, 1486. **352**, 356.
Communication organization. J.R. Johnson **335**, 81.
Completed Staff Work (ProfNotes). L.W. Garrison **701**, 122.
Construction and Repair Department Afloat. R.R. Clarke **211**, 1465.
Construction and Repair Department of a Battleship. Davis de Treville **321**, 965, 975. **324**, 143. **326**, 333.
Damage control. R.B. Carney **329**, 623.
Delegation, Anyone? F.H. Haymaker **727**, 46.
Department of War. H.E. Yarnell **486**, 1099. **490**, 1603.
Destroyer Command. W.B. Hayler **722**, 76.
Destroyer leader for fleet. J.K. Taussig **280**, 1110. **283**, 1783. **289**, 325. **292**, 685, **296**, 1113. **299**, 49. **303**, 393. **308**, 900.
Direct Approach **653**, 780.
Duration of commands. **287**, 89.
Emporiums Afloat. F.J. Nelson **462**, 1098.
Enlisted Personnel, Administration of. E.F. McCartin and A.M. Bledsoe **415**, 1272.
Excellence of naval materials. F.S. Craven **271**, 1573, 1740. **272**, 1961, 64. **273**, 2164. **278**, 715.
Executive Officer, Art of Being. W.J. Catlett, Jr. **621**, 1210.
Exercise of Broad Command—Navy's Specialty. W.P. Mack **650**, 370.
Exercise of command afloat. C.S. Freeman **331**, 779.
Fighting leader for the fleet. R.K. Moner **230**, 561. **243**, 847. **234**, 1389.
First Hundred Days of the New Frontier. R.J. Massey **702**, 27.
First Lieutenant: Liability to Ship. C.J. Heath **500**, 1235. **505**, 323.
First Lieutenant: Relic of Days of Sail. W.C. Abhau **458**, 506. **461**, 1009. **464**, 1463.
Flag Lieutenant, General Notes on Duties of. G.L. Caswell **469**, 374.
Fleet flagship. H.C. Bywater **251**, 140.
Fleet reorganization **335**, 110.
Fleets: Their composition and uses. J.V. Chase **332**, 895.
Forgotten Administrative Department (ProfNotes). R.A. Stephan **731**, 131. **740**, 101.
From "Alfa" to "Inzanity" With the Small Ship Exec **648**, 172.
Function of office of naval operations. A.F. Carter **204**, 169. **214**, 1987.
General board
J. Butler **330**, 700.
R. Wainwright **228**, 189. **230**, 635. **231**, 792. **233**, 1178.
Navy requirements **347**, 115.
General Staff System for Navy? S.R. Shaw **582**, 821.
How to Lose War. G.F. Eliot **569**, 707.
In Defense of Military. R.J. Lauer **547**, 1135.
Integrated War Effort. H.N. Kenyon **488**, 1342.
Is fleet strategically concentrated? M. Perkins **237**, 1883.
Japanese Mandated Islands, Former Administration of. T.O. Clark **518**, 511.
Joint Chief of Staff
in Operation (ProfNotes). A.A. Burke **649**, 337.
Shall We Junk the? H.E. Orem **660**, 57.
Joint Staff Duty. J.H. McAlevy (C&D) **777**, 106.
Judge Advocate General, Historical Sketch of Office of, Navy Department. H.P. Beers **459**, 670.
Junior Naval Reserve Officer and Military Command. L. Skinner, Jr. **487**, 1165.
Learn to Say "No" to the Admiral. G.C. Dyer **725**, 26.
Lieutenant Jones! Are You Really Cost Conscious? J.A. Hack **592**, 603.
Lieutenants in Command at Sea. C.J. Murrell **718**, 71. **729**, 101.
Man on Shield. R. Hargreaves **566**, 417. **573**, 1255. **579**, 538.
Material Administration Aboard Ship. R.B. Carney **425**, 963.
Military Government in Navy. W.H. Hessler **489**, 1471.
Military Planning at the Seat of Government. J.D. Hittle **653**, 713.
Military Staff Study (ProfNotes). J.M. Gore **730**, 142.
Military Wedding. T.W. Jones **502**, 1451.
Morale division **204**, 284.
National Staff, Need for. G.C. Reinhardt and W.R. Kintner **593**, 721.
Naval Administration in United States. E.E. Morison **524**, 1303. **530**, 451.
Naval Intelligence. L. McNamee **259**, 1443.
Naval organization from industrial point of view. D.C. Nutting **282**, 1519. **285**, 2293. **289**, 332.
Naval staff afloat. B.B. Wygant **276**, 249. **278**, 709.
Navy Advances in Business Management. L. Lee, Jr. **539**, 43.
Navy Department
An Organization for. J.K. Taussig **443**, 52.
printing costs **349**, 425.
Navy Drops Plan to Merge Naval Districts (Notebook) **778**, 146.
Navy Image. S.T. De La Mater **722**, 26.
Navy's Politico-Military Program—Where Pen Meets Sword. G.M. Hagerman **729**, 44. **734**, 111. **738**, 117.
Navy unified. **240**, 331.
No War-Navy Department merger **258**, 1343.
Office of naval intelligence **265**, 462.
Office of naval operations. E.W. Eberle **297**, 1153.
Officer detail system. H.E. Kays **294**, 858.
Organization for United States Fleet. J.K. Taussig **435**, 639. **437**, 1038. **438**, 1186.
Organization of U.S. Fleet. E.G. Allen **331**, 829.
Organization, Technique of. R.T. Strong **360**, 221.
Our Changing Navy? W.J. Dimitrijevic **592**, 635. **598**, 1368.
Our divided personnel. A.C. Dillingham **214**, 1921.
Our weakest link. T.L. Gatch **289**, 267. **297**, 1214.
Paper War—Quo Vadis? James Strong **711**, 35. **716**, 106, 107, 108. **721**, 106. **726**, 104.
Persian Gulf Command. W.H. Hessler **644**, 1027.
Philosophy of Command in the Challenge of Our Time. J.F. Riley **689**, 68.
Policy Planning Council. R.G. Colbert and R.N. Ginsburgh **758**, 73.
Preparing engineer department for battle. J.K. Esler **245**, 1085.
Principles of high command. H. Laning **238**, 2041. **244**, 1003.
Project Poseidon. T.E. Shea **696**, 32. **702**, 110.
Proposed administrative changes in Navy Department. C.W. Fisher **265**, 357, 455. **266**, 604. **270**, 1489. **271**, 1727.
Question of Personality. Reginald Hargreaves **704**, 80. **708**, 108.
Relation of personnel to material. J.E. Pond **220**, 991.
Rodgers and U.T. Bradley **337**, 307.
Role of Officers in Offices (ProfNotes) S.C. Rainey **721**, 136.
Sea Power and National General Staff. J.D. Hittle **560**, 1091. **584**, 1107. **587**, 85.
Sea service made easier and more efficient. A.W. Hinds **245**, 1097.
Ship administration. C.B. Mayo **335**, 57.
Shore Administration of Shipping Company. M. Radom **422**, 563.
Single Service: Perennial Issue in National Defense. P.B. Brannen **658**, 1280.
Staff Duty. M.W. Cagle **556**, 677.
Staff organization afloat. R.B. Carney **334**, 1113. **337**, 390.
Supreme general staff: Concept for Catastrophe. A.O. Sulzberger **602**, 399.
Take Care of Your Men. S.A. Swarztrauber **730**, 26. **734**, 108, **736**, 117, **739**, 114.
There Are No "Giants" Today? **685**, 104.
Three More Seats at the Table. S.E. Jones **636**, 180.

Administration and Organization (Cont.)
Training of fleet. H.J. Ziegemeier **296**, 1084.
Under which department do shore radio stations belong? S.C. Hooper **229**, 365.
U.S. Navy **335**, 110. **344**, 1416.
U.S. Navy—Middle Age Spread. J.C. Bussert **844**, 18. **849**, 92.
War staff idea afloat. H.J. Wright **274**, 2298. **277**, 497. **278**, 801.
Who is in Command? D.F. Miley **692**, 43. **696**, 109.
Why a Sailor Thinks Like a Sailor **654**, 811.
Will history repeat itself? E.N. McClellan **240**, 249.
Work Study Groups: Trouble Shooters of the Fleet. C.M. Johns **729**, 52. **737**, 113.
Administration—Records: Navy's Aperture Card System (ProfNotes). J.W. Bernhardt **737**, 137.
Administration in War, Naval. G.E. Belknap **86**, 263.
Administrative Command
Admiral King and Naval High Command. E.J. King and W.M. Whitehill **596**, 1073.
Command of the Navy Supply System (C&D) **755**, 119.
Command—Ultimate Specialty. P.W. Rairden, Jr. **579**, 473. **587**, 89.
Command, U.S. Navy **359**, 114. **361**, 414. **362**, 629.
Commander-in-Chief. A.E. True **457**, 337.
Flagship View of Command Decisions. G.M. Slonim **662**, 80.
Management and Command. E.E. Wilson **366**, 1101. **371**, 103.
U.S. Shifts Mideast Command from Navy to Army (Notebook) **731**, 136.
Admiral, Aide and Comfort to the. W.D. Toole, Jr. **799**, 46.
Admiral Aube (French battleship): Launched **102**, 318.
Admiral business. T.D.F. Langen **333**, 973.
Admiral Charnier (French cruiser): Loss of the Admiral Charnier **162**, 661.
Admiral, Grade of. L.H. Bolander **291**, 567.
Admiral Graf Spee (Germany) **450**, 1218. **462**, 1148.
Why Suicide? K.H. Donavin **547**, 1107. **554**, 469.
Admiral Magon (French transport): Torpedoed. **169**, 614.
Admiral Makaroff (Russian cruiser): Sunk by mine. **183**, 1152.
Trials **125**, 347.
Admiral, R.N., 1776. A.W. Moffat (ProfNote) **828**, 115.
Admiral Spaun (Australian cruiser): Launched; description **132**, 1269.
Admiral (USS): Runs on rocks and sinks **183**, 1136.
Admiral William M. Callaghan (US): The RO/RO Jet Ship Callaghan (ProfNote). A.D. Cushman, Jr. **789**, 134.
Admiralty (British): See Great Britain. Admiralty.
Admiralty jurisdiction: Navigability. A.L. Shalowitz **461**, 932.
Admiralty Law
Radar Collisions and the Courts. J.K. Ford **854**, 77.
"Vessel" or "Structure?" "Seaman" or "Member of the Crew?" (ProfNote). J.W. Giles **827**, 107.
Adrian, L.D. (photog). USS Hancock (CVA-19)—April 1973 Cover.
Adrian, R.N. **702**, 118.
Adriatic (SS) **328**, 554.
Adriatic Sea
Adriatic: Soviet Seaway Someday? Eugene P. Sullivan **834**, 26. **840**, 97.
American Naval Mission in Adriatic, 1918-1921. A.C. Davidonis **503**, 41.
Naval Strategy in Adriatic Sea during World War. A.E. Sokol **414**, 1077.
Peace in Adriatic. R.P. Stebbins **441**, 1617.
Submarine Warfare in Adriatic. S.W. Gould **496**, 683.
Advance base: Preparing an advance base. F.H. Gilmer **257**, 1073.
Advance Base Training. A.C. Davis **137**, 95. **139**, 837.
Advanced degrees: Unrestricted Line PhD: An Assessment. N.E. Hoehler, III (ProfNote) **852**, 108. **856**, 93. **857**, 91.
Adventure (HMS) **259**, 1522. **282**, 1585. **346**, 1716.
Launched, description **112**, 855.
Trials **115**, 717.
Adventures of Old Glory. W.E. Beard **289**, 318.
Advertising, Seventy-five Years of Proceedings (Pictorial) **848**, 119. **853**, 104.
Advisors, Military: "...and a few Marines." W.G. Leftwich, Jr. **786**, 34.
Advisory Groups, U.S. Naval: Naval Advisor Vietnam. A.P. Slaff **794**, 38. **799**, 102.
Advisory Team, U.S. Navy: Role of the Junk Fleet Advisor in Base Defense R.F. Brown (ProfNote) **788**, 128. **793**, 100. **794**, 119. **798**, 118.
A.E.D.O. A History and a Heritage. F.H. Featherston **780**, 33.
Aegean Sea: Ship Archaeology in the Aegean. Peter Throckmorton **742**, 60.
Aegis. W.E. Meyer and Bart Dalla Mura (ProfNote) **888**, 93. **893**, 87.
Aerial Attacks on Fleets at Anchor (1937). L.C. Ramsey **848**, 92.
Aerial Photography
Aerograph **231**, 832.
Air mapping in Haiti. H.D. Boyden **293**, 793. **298**, 1317.
Aircraft for hydrographic surveying. L.C. Ramsay **293**, 777.
Airplane hydrography. L.M. Samuels **316**, 508.
Curtiss department **207**, 780.
Growth **248**, 1740.
Haiti's coastline **212**, 1681.
Jersey coast **214**, 2027.
Laboratory on Shenandoah **248**, 1741.
Long range **324**, 159. **330**, 765.
Topographic surveys **261**, 1912. **285**, 2368.
Aerial Task Forces, Time for (C&D) **874**, 79.
Aerial torpedo: Navy's Secret Weapon Circa 1918. R.H. Rankin (Old Navy) **772**, 158.
Aerial Warfare
Aerial annihilation. E. Colby **318**, 686.
Aerial cooperation with Navy. D.H.K. Edmonds **221**, 1114.
Air combat rules **240**, 349.
Air cooperation with fleet. A.W. Clarke **309**, 1011.
Air forces in coast defense. R.D. Weyerbacher **330**, 692.
Air operations in Palestine. F. Sherman **293**, 786.
Air power and its application. W.F. McN. Foster **306**, 696.
Air service in minor warfare. R.E. Rowell **320**, 871.
Air tactics and strategy. F. Sherman **279**, 855. **284**, 2055.
Air warfare. F. Sherman **275**, 63.
Aircraft in control of trade routes. G.R. Fairlamb **349**, 343.
Aircraft in joint military-naval operations. E.W. Broadbent **342**, 1056.
Aircraft and naval engagement. L.C. Ramsey **330**, 679.
Airplane newest missile. Y. Stirling, Jr. **262**, 2125.
Airplanes and coast defense. S. Ballou **251**, 136.
Analysis of air menace. R.C. Parker **351**, 649.
Anti-aircraft defense. J.C. Haw **274**, 2383.
Aviation
fundamentals. N.A. Moffett **272**, 1871.
in coast defense. A.W. Johnson **271**, 1652, 1741.
Battleship vs plane—a naval puzzle. H.C. Bywater **306**, 710.
Bombing
accuracy. B.W. Simpson **273**, 2197.
J.E. Fechet **357**, 1683.
pattern sizes in formation. G.L. Schuyler **334**, 1126. **338**, 533.
radius affected by wind. G.L. Schuyler **274**, 2242.
Tests: Ships: **219**, 767. **221**, 1112. **223**, 1458. **224**, 1641, 1663. **225**, 1824, 1826, 1834. **239**, 171. **248**, 1735. **249**, 1923. **250**, 1987. **263**, 128. **266**, 636, 655, 675. **286**, 2604. **301**, 226.
vs. torpedo planes. L.C. Ramsey **345**, 1509.
Bombs: **222**, 1303. **223**, 1353, 1451. **227**, 142. **228**, 319. **246**, 1361. **249**, 1933. **268**, 1072. **302**, 310.
Book review **294**, 899.
Coast defense: **326**, 351. **327**, 452. **206**, 640. **341**, 979.
Colonial defense: **275**, 125.
Control of Seas by air department. H.M. Kieffer **274**, 2265.
Employment of aircraft in naval warfare. J.P. Jackson **234**, 1263. **236**, 1779. **238**, 2135. **239**, 117.
Experiments on Washington and bombing effects. D.W. Knox **263**, 128.
Future of battleship. C.F. Jepson **309**, 1017.
Graduated Pressure in Theory and Practice. A.P. Sights, Jr. **809**, 40.
India's defense problem **282**, 1591.
Influence
of aircraft on sea power. D. Burney **328**, 559.
of aviation on coast defense. W.T. Carpenter **281**, 1417.
on strategy and tactics **240**, 362.
Interrelations of sea and air problems. E.P. Warner **293**, 759.
Lessons from air raids **357**, 1683.
Limitations of aircraft in naval warfare. S. Ballou **267**, 746. **271**, 1745.
Naval Aircraft
in coastal warfare. H.H. Frost **335**, 9.
in international law. F. Sherman **274**, 2259.
Naval air force in action. W.A. Edwards **237**, 1863.
New weapons and old. G. Voitoux **248**, 1635.
Notes, Various: **236**, 1785. **247**, 1547. **249**, 1923. **250**, 2072. **262**, 2083, 2127. **283**, 1812. **292**, 886. **306**, 688.
Offensive power of aircraft. V.D. Herbster **283**, 1701.
Place of aviation in the organization for war. Y. Stirling, Jr. **280**, 1100.
Preparedness **218**, 610.
Readjustment to new weapons. F.G. Percival **318**, 661.
Relation to seapower. B.G. Leighton **307**, 731, 779. **313**, 228.
Sea and air controversy. P. Watts **237**, 1991.
Seagoing aircraft. G. Ballou **261**, 1795.
Seapower: Senate and air. C.G. Moran **225**, 1676.
Strength of Gibraltar. W.S. Pye **297**, 1160.
Tactical employment of naval aircraft.

H.B. Grow **253**, 341. **256**, 967. **257**, 1130, 1133.
Use of aircraft in naval warfare. D.E. Cummings **225**, 1677. **312**, 121. **318**, 712.
Value of airplanes and battleships. C.R. Sherardi **262**, 2081.
Aeronautical Engineering Duty Officer. A.E.D.O. A History and a Heritage. F.H. Featherston **780**, 33.
Aeronautical research and development: Naval Air Engineering Center (Pictorial). Barrett Gallagher (photog.) **775**, 92.
Aeronautical Society of America **373**, 309.
Aeronautical systems: Master's Degree Program for Student Naval Aviators. D.H. Guinn **792**, 37.
Aeronautics
See also: Aeronautics, subhead Dirigibles, torpedoplane; names, or numbers, of craft, Liberty engine; Engines (internal combustion).
A remarkable Zeppelin flight **192**, 261.
Additional lifting force for airplanes **182**, 870.
Advancement of naval aviation. T.T. Craven **258**, 1233.
Aerial dreadnought carrying 20 persons **188**, 2419.
Aerodynamics
Development **288**, 223.
J.C. Hunsaker **224**, 1519.
Aeronautic maps **179**, 143.
Aeronautical board, Army and Navy. J. Butler **285**, 2246.
Aeroplane
built for aerial target **192**, 285.
catapult of the USS North Carolina **163**, 973.
cotton fabric **190**, 2840.
design in 1913 **150**, 591.
A "fool-proof" aeroplane **151**, 911.
in Italian-Turkish war, 1912 **143**, 1167.
in naval warfare, 1911 **139**, 1088.
limits **185**, 627.
navigation lights **175**, 2090.
An air fleet; our pressing naval want. T.D. Parker **157**, 709.
Air administration. H. Russell **275**, 138.
Air controversy **220**, 949. **237**, 1976. **246**, 1363. **247**, 1548. **256**, 886. **259**, 1422. **261**, 1893. **266**, 657. **274**, 2377. **277**, 522. **285**, 2351.
Air detachment. D.E. Cummings **208**, 891.
Air policy for U.S. E.P. Warner **267**, 722.
Air strength of the world in 1913. **146**, 889.
Air vs. seacraft. F.W. Wile **262**, 2084.
Aircraft
and their armament, 1918 **181**, 640.
in 1912 **141**, 351.
of the Allies **161**, 273.
Airphobia of 1925. C.H. Pownall **277**, 458.
American Caproni **189**, 2642.
Armored Airplanes
1913 **149**, 262.
1915 **155**, 210.
Army, United States **325**, 247. **326**, 345, 351. **327**, 457. **329**, 655. **333**, 1034, 1046. **336**, 262. **348**, 304. **350**, 627. **297**, 1225. **236**, 1813. **319**, 817.
Aspects of our air policy. W.V. Pratt **277**, 444. **280**, 1171.
Automatic airplane **195**, 844.
Aviation
and naval warfare, 1910 **136**, 1189.
and navy building program. W.A. Moffett **337**, 421.
"Aviation", or "Naval aviation"; Which? D.E. Cummings **204**, 177.
in fleet. J.M. Reeves **320**, 867.
in Italian-Turkish war 1911-1912. In: Beehler, W.H. Italian-Turkish War. **143**, 1089.
in national defense. W.A. Moffett **278**, 752.
medicine and naval service. R.G. Davis **284**, 2011.
Sanity in aviation. R. Wood **269**, 1133.
signaling and safety. W.V. Gilbert **294**, 889.
Aviators: Number in United States **349**, 426. **355**, 1383.
Balloons
Construction of kite balloons. Illus. **167**, 180.
Kite balloons, 1916. **163**, 978.
Role of kite balloon in anti-submarine operations. R.W. Neeser **186**, 1924.
Belgium **343**, 1263.
Bombing
Aerial bombardment **176**, 2317.
Aeroplane bombs **179**, 129.
Aircraft bombs **180**, 390.
An aeroplane bomb that explodes only on striking the ground, illus. **151**, 883.
Bomb-dropping in France, 1912 **143**, 1166.
Bomb throwing (at war vessels) **152**, 1247.
Bombing appliances exhibited at Paris show, 1913 **149**, 273.
Experiments in bombing at Epinal, 1913 **149**, 273.
Hudson Maxim says idea of aerial bombing is "childish." 1910 **134**, 635.
Marten-Hale aeroplane bomb, 1913 **148**, 1766.
New type of bomb for aeroplanes, 1914 **159**, 1656.
Night bombing **174**, 1813.
Protection against submarines by aero-bombs **158**, 1338.
Scott projectile-dropping device 1912 **143**, 1166.
Stone, F.G. On Bomb dropping **150**, 585.
Zeppelin bomb-dropping mechanism **175**, 2089.
Book reviews **325**, 261. **327**, 452. **329**, 670. **346**, 1734. **350**, 601. **351**, 759. **356**, 1513.
British triplane for 100 passengers **195**, 844.
Canada **327**, 453. **343**, 1263.
Caproni airplanes **178**, 2995.
Carbon monoxide gas **334**, 1147. **338**, 550.
Chambers, W.I. Aviation today-1912: Illus. **144**, 1491; Naval Aviation-1911 **139**, 1090; Notes on aviation-1912 **142**, 701; On Lapointe's "Aviation in the Navy." **142**, 744.
China, Aviation **347**, 135. **350**, 625. **355**, 1378. **356**, 1536.
Crombez' cross-channel flight and return, 1912 **143**, 1168.
Curtiss brings out new war-plane 1915 **159**, 1665.
Curtiss monoplane flying boat, 1913. Illus. **150**, 595.
Data for the aeroplane builder **152**, 1244.
Daveluy, Rene: Maritime aviation. Tr. by G.M. Baum **147**, 1097.
Description of world's aircraft types, 1911. See Chambers, W.I. **137**, 204.
Development of aviation in fleet. D.C. Ramsey **247**, 1395.
Dirigibles
Aeroplanes vs. Zeppelins **153**, 1513.
Aviation experience in the Italian-Turkish war **145**, 404.
Biggest French dirigible, the Astra Torres, illus. **151**, 912.
Blimps: combination aeroplane-dirigible **167**, 180.
British Eta tows another dirigible **148**, 1777.
Closing bullet holes in dirigibles while in flight **157**, 955.
Dimensions and performances of Super-Zeppelins **168**, 401.
French dirigible construction 1913 **146**, 888.
Improved construction of rigid airships, 1917. **179**, 114.
In Parker, T.D. An air fleet **157**, 713.
Lessons of the Zeppelin L-2 disaster **149**, 265.
New British airships, 1919 **197**, 1252.
Photograph of U.S. Navy dirigible and floating hangar **173**, 1479.
Pietzker (LT German Navy): Principles of naval aeronautics, 1910. Tr. by G.M. Baum **150**, 389.
Position of airships in the future of aeronautics **190**, 2841.
Secrets of super-Zeppelins **180**, 371.
Super-Zeppelins **163**, 974.
Types of Zeppelins used in raids **166**, 2034.
U.S. Navy Blimps, 1917 **171**, 1061.
U.S. Navy dirigible, DN-1, description, illustration **167**, 150.
Value of dirigibles in naval war **164**, 1313.
Zeppelin's failure, 1917 **170**, 856.
Eliminating a wing to increase speed **184**, 1341.
Engines
Aeroplane engines, 1913 **150**, 590.
America's need for aeronautical motor competition **150**, 594.
Engines of the Zeppelin and the Gotha **182**, 874.
Evolution of the airplane engine **186**, 1900.
The French "E.J.C." motor **151**, 915.
German Aero engines, 1918 **180**, 402.
Increasing the power output of aircraft engines at high altitudes **196**, 1056.
Knox motor tests **167**, 180.
Loomis cooling system **194**, 668.
Maybach aero engine **189**, 2646.
Need of silencers on aero engines **175**, 2089.
Test of Trego aeroplane motor, 1916 **166**, 2036.
Twelve cylinder aeroplane motors **161**, 272.
200-h.p. Anzani motor **157**, 956.
Vacuum chamber for testing aero engines **178**, 2974.
Fact and fancy in aeronautics, 1909 **131**, 1010.
Fiske, B.A.
Air Power **174**, 1701.
Battleplanes **171**, 1052.
Flight at high altitudes **187**, 2159.
Flying conditions at Gibraltar **337**, 413.
1917 Fokker triplane **185**, 1629.
Four-engined Gotha **188**, 2420.
French gunplanes **160**, 2074.
French military triplane **160**, 2075.
Functions of naval aircraft factory. R.D. Weyerbacher **286**, 2428.
Future of aviation **209**, 1113. **248**, 1737.
German army planes, 1916 **166**, 1974.
German double-fuselage type, 1916 **162**, 615.
German and English airships, 1913 **148**, 1365.
Giant Caproni war plane **175**, 2088.
Giant Sikorsky aeroplane **161**, 270.
Guggenheim endowment **277**, 518. **285**, 2380. **322**, 1076. **325**, 249. **327**, 450.
Handley-Page
battleplane **175**, 2087.
biplane **197**, 1252.
bombing plane **187**, 2122.
Hunsaker, J.C. Aeroplane design **154**, 1715.
Hydro-aeroplanes, 1912 **143**, 1166.

Aeronautics (Cont.)
Illumination by aeroplanes, 1913 **148**, 1776.
Illustration of Italian Caproni triplane **190**, 2851.
Importance of numbers in aerial warfare **186**, 1894.
An improved hydroplane (British, 1913) **150**, 587.
Independent air service. M.G. Cook **264**, 215. **265**, 380. **267**, 807. **270**, 1518.
Inferiority of British aircraft, 1917 **172**, 1276.
International license agreements. **336**, 262.
Italian 10-passenger biplane, 1913. Illus. **148**, 1776.
Lampert aircraft committee **275**, 221.
Lanzius speed scout **180**, 407.
Lapointe, E., Aviation in the Navy. Tr. by J.C. Hunsaker **142**, 627.
Launching aircraft from ships at sea, 1914 **151**, 909.
Limitation of armaments and **350**, 627.
The Loening monoplane **191**, 136.
London air conference **243**, 875.
Main battery elevations and fighting aircraft. F.P. Sherman **266**, 600.
Making aircraft safe **156**, 566.
Materials necessary for a single airplane **180**, 407.
Mechanical flight made safe **151**, 915.
Military aviation **280**, 1230.
Mission of aircraft with the fleet. H.T. Bartlett, illus. **195**, 729.
Mitchell plan **274**, 2372.
Morrow aircraft board **275**, 196. **284**, 2020. **286**, 2522.
National advisory committee **252**, 304. **265**, 493. **277**, 579. **314**, 337. **327**, 454.
Naval aircraft investigation. M.H. McIntyre **263**, 145.
Naval airplanes **178**, 3000.
Naval Aviation
and air commerce. E.P. Warner **296**, 1052.
and a unified air service. T.T. Craven **217**, 307. **218**, 561, 564, 566.
T.T. Craven **204**, 181. **296**, 1052, 1081. **308**, 840.
its value and needs **153**, 1459.
Notes on **217**, 435. **226**, 1973. **233**, 1220. **245**, 1210. **250**, 2072. **264**, 326. **265**, 496. **280**, 1207. **284**, 2081. **332**, 944. **338**, 556. **352**, 936.
today. F.W. Wead **254**, 561.
today and in prospect. D.S. Ingalls **333**, 981.
The work ahead of naval aviation **156**, 505.
Naval reserve aviation **248**, 1734.
Navigation
Aerial navigating instruments **184**, 1344. **198**, 1453.
Aerial navigation over water. E.A. Sperry. Illus. **171**, 1042.
Aviation night signals **141**, 375.
Chain of landing fields across America **188**, 2423.
Graphic method for determining the altitude of aeroplanes. G. Pesci **144**, 1537.
Navigational safeguard for transatlantic flight. R.G. Skerrett **187**, 2157.
Special dangers of air flight **150**, 398.
World's air routes and their regulations J.W. Montagu **176**, 2331.
Navy and its air requirements. J.A. Lahn **282**, 1481.
Navy and aviation. F.W. Wead **279**, 880.
Navy's aircraft method. H.C. Bywater **280**, 1228.
Needs in aviation. T.T. Craven **218**, 612.
Neglected phase of naval aviation. L.C. Ramsey **342**, 1052.
New Curtiss
flying boat, 1917 **175**, 2079.
military aeroplane, 1914 **154**, 1826.
New Giant German airplane, 1918 **186**, 1901.
The newest aeroplanes 1916. Georges Prade **163**, 980.
Nomenclature: (See Aeronautics, Terminology)
Non-recoil gun for aircraft **166**, 2009.
Nose spin problem **187**, 2162.
Organization; U.S. Navy **332**, 934.
Parachutes for airplanes **188**, 2423.
Parachuting from a plane **200**, 1804.
Personnel **328**, 558. **332**, 942. **334**, 1137.
Photograph of 133-ft. military hydroaeroplane **161**, 1.
Pilots
Diseases of airmen **172**, 1281.
Ear disturbances of aviators **174**, 1823.
Electrically heated clothing for pilots **199**, 1648.
Physical effects of flying **174**, 1825.
Policy, US **203**, 137. **205**, 450. **206**, 639. **215**, 111. **219**, 763. **220**, 950. **259**, 1561. **263**, 147. **267**, 722. **268**, 1074. **277**, 444. **280**, 1171.
President's air board **274**, 2370.
Principles of heavier-than-air machines **143**, 1163.
Problems in flying at high altitudes **188**, 2424.
Program, N.S. **319**, 813. **322**, 1078. **235**, 1602. **267**, 847. **331**, 866. **333**, 1047. **337**, 405.
Progress
and development **205**, 475. **213**, 1848. **237**, 1975. **255**, 848. **262**, 2122. **274**, 2382. **276**, 341. **279**, 980. **288**, 223. **300**, 148. **307**, 819. **313**, 243. **330**, 775. **331**, 866. **332**, 948, **337**, 410. **345**, 1580. **350**, 628. **352**, 936.
in Aviation, 1916 **166**, 1997.
of aeronautics to 1908 **125**, 379.
Protection for aircraft **153**, 1514.
Regulations: Rules for pilot's licenses, 1911. See W.I. Chambers **137**, 203.
Reliability of service by air **199**, 1649.
Research **214**, 2024. **219**, 766.
Review of aeronautic development of 1915 **161**, 271.
Round the world flight regulations 1914 proposed competition **152**, 1248.
Russia **345**, 1564, 1571. **346**, 1715, 1724. **347**, 122. **350**, 628. **356**, 1538.
Seaplanes
The seaplane, 1919 **191**, 136.
Seaplanes: types needed in the Navy. R.C. Saufley **159**, 1535.
Seaplane with guns and wireless, 1913 **150**, 583.
Senate report on U.S. air forces **330**, 762.
Separate service in aviation a mistake. J.M. Scannell **256**, 1018.
Ship-to-shore service **301**, 803. **308**, 936.
Should we have a bureau of aeronautics? **220**, 948.
Signalling
Aeroplane wireless, 1911 **138**, 668.
Aeroplane wireless, 1911. W.I. Chambers **137**, 190.
Flashlight aerial signalling **160**, 2074.
Radio in air craft, 1913 **148**, 1774.
Radio telephone of aeroplanes **169**, 604.
Wireless in aviation **153**, 1519.
Soaring flight problem **283**, 1879.
Sopwith plane **179**, 116.
South America, Aviation in **206**, 638.
Spain **284** 2110. **337**, 418.
Special board report **267**, 856.
Specifications
for a military aeroplane, 1912 **141**, 376.
of naval aeroplanes, 1912 **143**, 1169.
Sperry night-flying equipment **166**, 2036.
"Spoils of war" **275**, 196. **284**, 2020. **286**, 2522.
Stability of Aeroplanes, 1913 **150**, 586.
Stabilizing apparatus for aircraft **157**, 956.
Statement by army aviator. B.Q. Jones **276**, 370.
Steam-driven seaplanes **164**, 1315.
Strength of world's powers in aircraft, 1913 **149**, 263.
Terminology
Aeronautical nomenclature **166**, 2029.
Changes in aeronautical nomenclature **167**, 178.
Definitions of "plane" and its combinations with other words **149**, 180.
The A.E.G. armored biplane **189**, 2642.
The Aeroplane in War, 1909: **129**, 321.
The all steel aeroplane **152**, 1243.
The catapult in the navy **172**, 1278.
The Immelmann turn **178**, 2999.
The Navy's First Airships (Dirigibles), illus. J.C. Hunsaker **198**, 1347.
Transatlantic biplane?, 1913 **150**, 594.
Transatlantic Flights
See also: European War, 1914-18, subhead Aerial Operations; names of countries, subhead Aeronautics; names or numbers of craft.
A.R. Hawley predicts transatlantic flight **186**, 1892.
Alcock's flight in the Vickers' Vimy **198**, 1449.
Crossing the Atlantic by air **193**, 459.
Doubtful factors in transatlantic flight **194**, 675.
Fictitious account of transatlantic flight, July 1918 **187**, 2150.
The voyage of the R-34 **198**, 1450.
U.S. Navy ocean flight plans, 1919 **195**, 841.
Transparent aeroplanes **161**, 270.
Types of aircraft See Parker, T.D. **157**, 710.
Types of military airplanes. V.E. Clark **185**, 1624.
United air service. V.D. Herbster **256**, 886. **259**, 1422.
U.S. Aircraft insignia **173**, 1522.
United States technical development of naval aviation. W.A. Moffett **343**, 1181.
Vickers' Vimy-Rolls airplane **197**, 1251.
War and aeronautics. W.E. Beard **178**, 2879.
Westervelt, G.C.: Design and construction of the NC flying boats, illus. **199**, 1529.
Wind tunnel **331**, 867. **317**, 637. **341**, 978.
Wing slots **208**, 969. **226**, 1974. **301**, 226. **303**, 411. **316**, 539. **342**, 1109. **357**, 1685.
Wood for aircraft **175**, 2086.
World strength statistics **230**, 665. **234**, 1441. **241**, 507. **243**, 882. **245**, 1207. **345**, 1564. **346**, 1724.
The Wright aeroboat in 1913 **149**, 267.
Aeronautics--Accidents
Aeroplane accidents: causes and remedies R.C. Saufley **164**, 1117.
British aviation accidents, 1917 **172**, 1279.
C-2 **238**, 2179.
Causes **203**, 137. **247**, 1554. **293**, 829. **323**, 66. **326**, 345. **332**, 941.
D-6 **224**, 1649. **225**, 1827.
Dixmude **253**, 484. **254**, 637. **255**, 813.
Does lack of oxygen cause air wrecks? **183**, 1121.
Dornier's way to avoid **319**, 815.

England **232**, 1036. **355**, 1384. **356**, 1536. **357**, 1685.
Fatal accidents at Indian Head, 1916 **166**, 1995.
Fatality statistics **356**, 1535.
France **232**, 1036. **358**, 1842.
Italy **357**, 1685.
Japan **235**, 1575. **255**, 823. **356**, 1538. **357**, 1686.
R-38 **224**, 1648. **226**, 1976. **231**, 829.
R-101 **334**, 1149. **341**, 983.
Roma **230**, 663. **231**, 830.
Shenandoah **273**, 2195. **274**, 2377. **276**, 396. **283**, 1913. **290**, 464. **291**, 585.
United States **351**, 778. **356**, 1535.
Why airmen are killed **143**, 1169.
ZR-2 **225**, 1825, 1830, 1842.
Aeronautics--Aircraft
Aerial life-boat **227**, 128.
Air cruiser, PB type **264**, 327.
Air tanks **212**, 1682.
Airplane and science **224**, 1647.
Airplanes available everywhere **345**, 1564. **350**, 624.
All-metal flying boat **268**, 1027, 1076. **284**, 2146.
Appropriations, United States **356**, 1535.
Armament **205**, 474. **231**, 831. **242**, 698. **335**, 26. **343**, 1271.
Arresting gear **283**, 1871. **329**, 656.
Attack plane, JL-12 **226**, 1972.
Avro Antelope **318**, 729.
Barling bomber **238**, 2179.
Berliner-Joyce **348**, 302. **354**, 1234. **346**, 1715.
Bernard CL **325**, 251.
Biplanes, U.S. Navy prefer **335**, 124.
Bird-like airplane **304**, 509.
Boeing **255**, 847. **299**, 65. **354**, 1234. **358**, 1841.
Bombing vs. torpedo planes. L.C. Ramsey **345**, 1509.
Brakes **305**, 608. **326**, 350. **329**, 655.
Caproni **216**, 272.
Chance-Vought aircraft **342**, 1143. **346**, 1715. **347**, 123. **348**, 302. **353**, 1089.
Civil and military different **271**, 1769.
Commercial aircraft **326**, 351. **331**, 864. **338**, 551.
Communication **358**, 1839.
Construction **214**, 2026.
Control device, Automatic **356**, 1534.
Curtiss **230**, 665. **295**, 1014. **322**, 1078. **325**, 249. **336**, 266. **348**, 1383. **355**, 304. **358**, 1841.
Deck-landing spotting machine **241**, 509.
Designation of naval airplanes **281**, 1412. **332**, 942.
Design of aircraft **293**, 808. **341**, 981. **356**, 1531.
Detachable landing gear **237**, 1978.
Development of military airplanes **337**, 410.
Device to pick up planes at sea **321**, 1001.
Electrical equipment **358**, 1840.
Ely device to locate **301**, 225.
Endurance **205**, 473.
Extensible wings **240**, 348.
Fighter. F. Sherman **331**, 831.
Fighting **324**, 155.
Fighting planes, Naval. F.W. Wead **342**, 1089.
Fighting with radio **246**, 1368.
Fire hazard **201**, 1930.
Flying boat **223**, 1464. **263**, 148.
Flying boat cruiser **260**, 1711. **284**, 2087.
Fokker Aircraft **229**, 492.
Fond **269**, 1286. **284**, 2139, 2059.
Formation of clouds **201**, 1932.
Formation of ice. V.O. Clapp **330**, 743. **339**, 692.
Functions of naval aircraft **221**, 1095.
Hall XFH-1 **324**, 155.
Handley-Page **330**, 766.
Happy landings. P.E. Pihl **342**, 1018.
Hawker **298**, 1328. **312**, 154.
Huff Daland Cyclops **286**, 2601.
Ice on wings **303**, 413. **319**, 815. **339**, 692. **330**, 743.
Inflexible airplane **305**, 608.
Junkers **304**, 507. **356**, 1537.
Landing gear **307**, 795. **315**, 458. **319**, 818. **321**, 996.
Large airplanes **237**, 1979. **247**, 1561. **324**, 153.
Lifting devices: 8 diagrams **354**, 1231.
Lightning **224**, 1652. **243**, 875.
Lights for aircraft **295**, 1018.
Loening **267**, 850. **299**, 63. **350**, 626.
Maintenance **214**, 2026. **330**, 720.
Maneuvering aircraft in formation. E.L. Ericsson **239**, 79.
Maneuvers **327**, 457. **328**, 559. **336**, 262. **355**, 1382.
Martin **203**, 123. **207**, 779. **240**, 347. **299**, 62. **328**, 556. **343**, 1176. **348**, 302.
Metal **210**, 1339. **343**, 1278.
Mine-Laying **227**, 129.
Mission of, with fleet **217**, 431.
Naval aircraft. S.J. Zrigler **275**, 83.
Navy: Speedier planes for U.S. **326**, 345.
Navy types of heavier-than-air craft. E.E. Wilson **262**, 2029.
Noise **328**, 556. **357**, 1683.
Nomenclature **287**, 107.
Northrup "flying wing" **326**, 346.
Observation **346**, 1715. **342**, 1143.
Oleo shock absorbers **307**, 795.
PVT prime takes a hop. H.V. Wiley **311**, 33.
Parnall Pipit **318**, 728.
Patrol **342**, 1036.
Performance of future airplanes. H.H. Arnold **270**, 1522.
Pilotless **236**, 1814. **239**, 166. **240**, 348.
Procurement **332**, 943.
E.E. Wilson **272**, 1933.
Production **352**, 938. **356**, 1535. **297**, 1226.
Protection **262**, 2118.
Racing, Aim of Highspeed Airplane **321**, 997.
Refueling in flight **247**, 1558.
Registered (11,000) **356**, 1535.
Repairs **330**, 720.
Replacements **273**, 2196.
Revolving landing platform **321**, 996.
Savoia-Marchetti **308**, 915.
Sea-going aircraft. S. Ballou **261**, 1795. **263**, 103.
Seagull winged **356**, 1537.
Seaplane for Submarines **238**, 2179. **248**, 1727. **249**, 1911.
Service aircraft. H.M. Martin **342**, 1039.
Ships vs. Aircraft **225**, 1819. **246**, 1377.
Sikorsky **346**, 1726.
Silent **239**, 169.
Speed **202**, 2096. **203**, 138. **207**, 777. **275**, 140. **280**, 1222. **282**, 1614. **302**, 319. **321**, 997. **354**, 1231, 1244. **357**, 1681, 1684. **358**, 1838.
Fact or Fancy. J.Y. Dreisonstok **348**, 219.
Steam-powered **330**, 765.
Stieger wing construction **319**, 819.
Stratosphere **355**, 1382.
Strength, United States **241**, 507. **345**, 1564. **346**, 1724. **350**, 624.
Super-Cyclops, Army **297**, 1225.
Tailless **281**, 1425. **282**, 1618.
Telescopic wing **356**, 1537.
Tenders for patrol planes **341**, 981.
Tests, Plane **343**, 1276.
"Tortoise race" in R.A.F. **354**, 1234.
Towing **253**, 489.
Transatlantic **224**, 1648. **249**, 1913.
Transport **220**, 951.
Twenty-passenger airplane **246**, 1361.
United States: 10,780 listed **349**, 426.
Use of, affects **348**, 303.
War games, 1932 **351**, 761.
Westland Wizard **312**, 154.
Aeronautics--Distance Flights
Byrd's transatlantic **294**, 928.
Columbia's **334**, 1065. **335**, 139.
Coste-Bellonte transatlantic **334**, 1147.
Dayton-Panama **333**, 1049.
French **284**, 2093.
How navy helped them home. F.V. Barker **270**, 1415.
Italian transatlantic **207**, 778. **334**, 1149. **337**, 406.
Justice for Hungary (Transatlantic Plane) **354**, 1232.
London-Capetown **280**, 1221. **286**, 2609.
Los Angeles' transatlantic **262**, 2114.
Macready-Kelly transcontinental **239**, 170.
Maughan transcontinental **259**, 1560.
Philadelphia-Pensacola **235**, 1603.
Pinedo's transatlantic **290**, 477.
Portugal-Brazil **232**, 1035.
Possibilities of transpacific. G.C. Westervelt **207**, 675.
Rio to Amazon in Do-X. H.P. Blandy **356**, 1432.
Round-the-World **233**, 1223. **254**, 666. **255**, 847. **256**, 1014. **258**, 1370. **260**, 1742. **262**, 2067. **270**, 1415.
Russia **347**, 122.
Transatlantic flights. L.C. Ramsey and E.H. Kincaid **295**, 986.
Transatlantic records **328**, 552.
When an eagle falls on water. R.M. Ihrig **307**, 747.
Aeronautics--England
Accidents in 1932 **357**, 1685.
Air defense. J.H. Davidson **279**, 948.
Aircraft types **236**, 1786, 1815. **237**, 1978. **242**, 698. **247**, 1496, 1557. **255**, 801. **265**, 461. **303**, 411. **304**, 494. **312**, 154. **317**, 640. **325**, 250. **330**, 760. **336**, 264. **345**, 1583. **354**, 1234. **355**, 1384. **357**, 1685.
Armament **343**, 1271.
Aviators, England: Number **355**, 1384.
Blind flying **331**, 866. **356**, 1536.
Budget **204**, 298. **279**, 934. **327**, 458. **351**, 780. **356**, 1535.
Civil **236**, 1812.
Exhibits at Wembly **271**, 1758.
Navy short in aviation. H.C. Bywater **286**, 2543.
Policy **214**, 2010. **216**, 258. **232**, 1019. **235**, 1552. **247**, 1497. **249**, 1881. **268**, 1062.
Review of 1920 **218**, 610.
Royal Air Force
development. N.F. Laurence **352**, 933.
note **236**, 1784. **244**, 1013. **266**, 656. **277**, 502, 554. **278**, 732. **329**, 659. **330**, 766. **335**, 122, 124. **339**, 690. **340**, 834. **344**, 1423. **348**, 303. **347**, 137. **352**, 933. **353**, 1088. **354**, 1231, 1234. **355**, 1386.
Speed record **346**, 1722.
Strength **345**, 352. **329**, 659. **333**, 1048. **342**, 1109. **345**, 1564. **346**, 1724. **350**, 624.
Aeronautics--France
Air and sea power **224**, 1616.
Air force **250**, 2063. **275**, 126. **287**, 92. **344**, 1412. **349**, 441. **355**, 1384. **356**, 1536.
Air scandals **309**, 1000.
Air university **331**, 868.
Anti-aircraft defense **338**, 541.
Budget **231**, 806. **205**, 2057.
Civilians in maneuvers **356**, 1536.
Control **284**, 2092.
Fear German air navy **254**, 640.
German aerial plans met **247**, 1504.
Licensed pilots **208**, 918.
Lighthouse, Aerial **228**, 279.
Maritime **296**, 1125.
Methods vs. English **234**, 1400.
Naval **217**, 406. **238**, 2149. **246**, 1343. **247**, 1549. **338**, 547. **339**, 689. **355**, 1384.
Postal **291**, 594.
Progress **249**, 1897. **272**, 1977. **283**, 1824.
Readiness for aerial warfare. G. Lechartier **259**, 1525.

Aeronautics--France (Cont.)
Strength **345**, 329. **659**, 1564. **346**, 1724. **350**, 624. **355**, 1384.
Wind-tunnel methods **317**, 637.
Aeronautics--Germany
Dornier re accidents **319**, 815.
Do-X **319**, 815, 816. **324**, 153. **327**, 455. **330**, 763. **355**, 1383, 1385. **356**, 1432.
French fear air navy **254**, 640.
Gliders **354**, 1235.
Lead in aviation? **208**, 968.
Naval **286**, 2610.
Notes **230**, 648. **232**, 1015. **283**, 1828.
Planes **211**, 1529. **227**, 129. **356**, 1537.
Program **248**, 1717.
Seaplane competition **283**, 1829. **284**, 2114.
Size limitation brings reprisals **233**, 1188.
Steamships carry airplanes **354**, 1235.
Training **267**, 826. **335**, 120. **354**, 1225.
U.S. aircraft engines used by **358**, 1841.
Aeronautics—Italy
Budget **226**, 1977. **342**, 1110. **353**, 1076.
Maneuvers **345**, 1581. **357**, 1685.
North Atlantic aerial survey **356**, 1538.
Strength **289**, 356. **283**, 1824. **294**, 888. **329**, 659. **345**, 1564. **350**, 624.
Turkey buys planes **345**, 1583.
U.S. flight planned **354**, 1235.
Aeronautics--Japan
Air force, military and naval **202**, 2077. **207**, 760. **227**, 115. **222**, 1295. **261**, 1889. **284**, 2101. **286**, 2567, 2570. **347**, 133. **349**, 444. **350**, 264, 627. **358**, 1842. **354**, 1235. **357**, 1686.
Budget **241**, 508.
Civil **228**, 288. **320**, 905.
Commercial **285**, 2352.
Construction **230**, 656. **259**, 1539.
England instructors engaged **355**, 1386.
Manchurian work praised **348**, 288.
Maneuvers **298**, 1325. **357**, 1686.
Pacific flight prize **344**, 1415.
Plane markings **231**, 819.
Practice flying **354**, 1235.
Program **201**, 1937. **328**, 554. **342**, 1110.
Regulations **345**, 1579.
Strength **345**, 1564. **346**, 1724. **342**, 1110. **347**, 133. **354**, 1235. **355**, 1385.
Types of planes **350**, 627. **358**, 1842. **354**, 1235.
Yokosuka air base **351**, 774.
Aeronautics--Records
Airplane racing and record chasing. F.W. Wead **293**, 782.
Altitude **207**, 780. **225**, 1840. **229**, 493. **248**, 1741. **357**, 1685.
1919 **194**, 650.
Early, 1911. See: Chambers, W.I. **137**, 190.
Fact or fancy. J.Y. Driesonstok **348**, 219.
German altitude record of 4.1 miles made, 1914 **153**, 1513.
Glider **201**, 1932. **238**, 2181. **354**, 1235.
High altitude record, 1916 **166**, 2036.
High-speed airplane racing. G. Gardue **321**, 997.
Irvine's **293**, 831.
Italian distance record for non-stop flight, 1917 **176**, 2343.
Italy **354**, 1235.
Japan **355**, 1385.
National air races, Chicago **333**, 1047.
Navy cruises inland. L.E. Gehres **330**, 727.
Paris "Federation" awards **251**, 128.
Pulitzer trophy **250**, 2087. **274**, 2379.
Record flight, Washington to New York made, 1919 **194**, 673.
Savoia-Marchetti S-64 **308**, 915.
Schneider cup **250**, 2086. **287**, 104. **321**, 999. **323**, 71. **324**, 154.
Speed **238**, 2180. **251**, 127. **298**, 1329. **346**, 1722. **356**, 1535. **357**, 1681, 1684.
Speed and height record by two-seater monoplane **191**, 135.
28,900 ft. altitude record made, 1918 **190**, 2839.
United States Navy **331**, 868.
World's official **229**, 491. **247**, 1559. **330**, 775. **332**, 947.
XPN-12 breaks 6 **307**, 803.
Aeronautics--Schools and Training
Aviation medicine and naval service. R.G. Davis **284**, 2011.
Aviation schools
at Kure **200**, 1780.
in England, 1914. See Parker, T.D. **157**, 746.
Aviation training for midshipmen and line officers. D.C. Ramsey **335**, 18.
Aviator in making. S.H. Warner **304**, 468.
Bombing instructor: Described **354**, 1234.
Book review **339**, 703.
British aviation school, 1912 **143**, 1168.
Chambers, W.I. Aviation today, illus., 1912 **144**, 1491.
China **356**, 1536.
College courses **347**, 137. **336**, 267.
Contact courses **328**, 555.
Cost **349**, 426.
England **355**, 1386.
Flying academy proposed **219**, 1338.
France **331**, 868.
Germany **267**, 826. **335**, 120. **354**, 1225.
Great Lakes **212**, 1683.
Japan **228**, 288. **355**, 1386.
Kelly field **333**, 1046.
Naval Academy
Aviation at. H.S. Baldridge **271**, 1632. **284**, 2003.
Course in Aviation and Aeronautics **293**, 833.
flying squadron. J.F. Gillon **318**, 703.
Naval Aviation
school at Bay Shore, L.I. opens **164**, 1293.
training. J.J. Raby **271**, 1646.
Physical
aspects of flying. R.G. Davis **269**, 1225.
examinations **357**, 1684.
Pilots **271**, 1758. **324**, 156, 158. **326**, 349. **332**, 937. **333**, 1046. **343**, 1273.
Progress at Pensacola. D.M. Carpenter **318**, 693.
Qualifications of a naval aviator **300**, 140.
Requirements for members of Lafayette Flying Corps **174**, 1815.
Ruggles' orientator **303**, 413.
Striking for wings. L.E. Richardson **343**, 1242.
Training
aviators, 1911. See Chambers, W.I. **137**, 182. R. Davison **235**, 1501.
British aviators, 1917. **172**, 1273.
student naval aviators. B. Studley **293**, 764.
student officers. D.C. Ramsey **289**, 303. **298**, 1318.
West Point **328**, 556.
Aeronautics--Stunt Flying
Accelerometer and **204**, 299.
Air circus: Lakehurst **258**, 1373.
Outside loop **293**, 830.
Prohibited in U.S. Army **223**, 1465.
Up-side-down outside loop--and others. A.J. Williams **304**, 505.
Aeronautics--Terminology: Naval Aviator Speaks. W.F. Foster (ProfNote) **735**, 140.
Aerospace research: High Altitude Turbulence Studied (Notebook) **771**, 154.
Aerospace safety: Casualties to Jets by Birds Rise (Notebook) **787**, 153.
Affondatore (RIN) **333**, 1095.
Afghanistan **313**, 256. **317**, 650. **322**, 1092.
and the Great Powers. A.Z. Rubinstein **647**, 62.
Africa
Afro-Asian Ocean World. Anthony Harrigan **735**, 44.
America's African Beach-Head. G. Richards and J.L. Zimmerman **549**, 1387.
Blessings of Colonialism. W.H. Hessler **692**, 27.
Communist China and the Arab-African Area. I.W. Zartman **691**, 23.
East Africa: Bastion for the Western World. W.H. Hessler **697**, 42.
Naval Development on the Dark Continent. E.C. Fisher (ProfNote) **709**, 134.
Next Great Area of Crisis. M.H. Helher **682**, 27.
Political Trends in Former French Territories of Black Africa. C.H. Amme, Jr. **714**, 35.
Suggested Readings on Africa. R.M. Langdon (BkRev) **688**, 129.
Tanganyika Expedition **363**, 729. **367**, 1337.
H.A. DeWeerd **356**, 1461.
Tropical Africa's Nascent Navies. R.K. Baker **791**, 65.
African Star, Seamanship Trophy Won By (Notebook) **802**, 159.
Afterwards! K.C. McIntosh **191**, 1.
Against All Enemies. R.J. Hanks **805**, 22. **808**, 97, 98, 99, 100. **809**, 89, 90, 91, 92, 93, 95, 96. **810**, 95, 96. **812**, 85. **813**, 81. **814**, 79, 80, 81. **815**, 81. **818**, 91.
Agamemnon (HMS)
Description **128**, 1331.
Launched; description **119**, 1131.
Agamemnon (SS) **243**, 868.
Agawam (SS): Launching of the Agawam **185**, 1638.
Age and naval life **161**, 231.
Age-ton formula **279**, 924.
Ageton, A.A. **383**, 106. **384**, 249. **387**, 708. **390**, 1160. **393**, 1701. **394**, 1846. **397**, 413. **408**, 257. **409**, 409. **411**, 714. **465**, 1619. **475**, 1303. **478**, 1759. **480**, 254. **588**, 206. **590**, 445. **596**, 1147. **605**, 795.
See also: Book Reviews, G.C. Thomas et al., W.H. Standley.
Air Almanac **379**, 1261, 1291. **383**, 106. **384**, 249. **387**, 708. **394**, 1846.
An All-Tangent + Secant Navigation Table **411**, 714.
Annapolis, Mother of Navy Men **392**, 1499. **401**, 1033.
Book Reviews **393**, 1701. **408**, 257. **409**, 409. **614**, 461. **621**, 1283.
Effective Writing, Navy or Civilian (Blair) (C&D) **794**, 113.
Gage and Measure **578**, 347.
Healthy Minds in Healthy Bodies **392**, 1552.
History, Are Lessons No Longer Valid? **592**, 625.
H.O. 211, Some Additional Uses for **353**, 1029.
Longitude by H.O. 211 (C&D) **390**, 1160. **397**, 413.
Navigation, Backgrounds of **481**, 392. **487**, 1238.
Rescue, They Flew to (anecdote) **586**, 1269.
Secant-Cosecant Method **344**, 1375.
Tsingtao, Occupation of **465**, 1575.
Ageton, Goodbye, Admiral (C&D) **844**, 93. **849**, 98.
Agile-class minesweepers: Prepare to Sweep Mines. M.W. Searight **803**, 54.
Agnew, D.M., Jr.
Another Important Date (anecdote) **688**, 54.
Emigration (anecdote) **682**, 116.
"Tireless Tee" Goes Forth to War **497**, 831.
Agriculture and navy. D.C. Crowell **284**, 2067.
AGRs, Arm the? (C&D) **791**, 106. **795**, 106.
Ahern, D.S.: What's It Like in a Wet Ship? (C&D) **743**, 104.

Ahrenstein, M.J.: Career Development for the Naval Flight Officer (C&D) **788**, 103.
Aid to O.O.D. W.J. Russell **360**, 191.
Aide and Comfort to the Admiral. W.D. Toole, Jr. **799**, 46. **803**, 100. **806**, 105.
Aids to Navigation
Buoys Will Be Buoys. J.F. Meade **837**, 74. **841**, 108. **846**, 91. **850**, 91.
Buoy, Coast Guard Dedicates (Notebook) **814**, 103.
Coast Guard "Monster" Buoys at Expo 67 (Notebook) **774**, 149.
Destination Nowhere: Twilight of the Lightship. R.D. White **877**, 64.
in Vietnam (ProfNote). J.L. Linnon **814**, 99.
Lights Out for Screw-Pile Lighthouses (OldNav). S.L. Carlson **865**, 70.
Lightships to Super Buoys? (ProfNote). E.F. Oliver **776**, 131.
Monster Buoys Form World Link (Notebook) **782**, 143.
New Oceanographic Buoy (ProfNote). Don Groves **764**, 156.
Overdue (ProfNote). F.D. Higbee **821**, 103.
Super Buoys Replacing Coast Guard Lightships (Notebook) **809**, 128.
Aigle (French) **347**, 126. **349**, 431. **350**, 616. **352**, 925. **354**, 1224. **338**, 540.
Aiming Drill. P. Andrews **77**, 79.
Ainsworth, W.L. **662**, 111. **664**, 106. **683**, 115.
Amphibious Operation that Failed **504**, 193.
Naval Ordnance Plant, Charleston, W. Va. **204**, 237.
Time to Change Course (anecdote) **621**, 1244.
Air
administration. H. Russell **275**, 138.
Air Combat Intelligence Officers: Reserve ACIO's Are Refreshed. W.H. Morris **550**, 1513.
antisubmarine squadron (VS): In VS, the Enemy Has Been Found and the Enemy Is Us (ProfNote). S.L. Chappell **884**, 120. **886**, 87. **887**, 82. **889**, 78. **890**, 83. **896**, 70.
bases: Future of Our "Alliance" With Spain. A.J. Cottrell **682**, 60.
Board, U.S., personnel of **274**, 2370.
Compressed Air System on USS Terror **81**, 165.
Air Almanac. P.V.H. Weems **358**, 1782.
Air-capable ships: Our Coming Air-Capable Navy (NavRev). G.G. O'Rourke **891**, 90.
Air Cushion Vehicles
See Oscar, High Cost of Saving.
Air Bubble Boat (Notebook) **727**, 151.
Air-Cushion Vehicle Comes of Age (ProfNote). John Fricker **751**, 139.
Canada Scans Hovercraft (Notebook) **727**, 140.
First Soviet Hovercraft in Operation (Notebook) **722**, 167.
Great Britain: British Air Cushion Vehicle Unit (Notebook) **763**, 164.
Land-Sea Hydroskimmer Demonstrated (Notebook) **730**, 168.
MA Develops Ship to Hover Over Sea (Notebook) **725**, 155.
The Marine Corps in 1985. P.A. Wilson **875**, 31.
Navy to Purchase Air Cushion Craft (Notebook) **753**, 152.
Russia: Ships Soars Over the River (Notebook) **734**, 153.
Surface Effect Ships. M.J. Hanley, Jr. **765**, 34.
Surface Effect Ships (C&D) **769**, 110.
Surface Effect Vehicles: A Perspective J.F. Sladky, Jr. (ProfNote) **878**, 101.
Air Defense
equipment: Is TacAir Dead? G.G. O'Rourke **884**, 34. **887**, 81, 82. **890**, 79. **895**, 82.
Gun Systems For? W.D. O'Neill, III **817**, 44. **821**, 97. **827**, 92. **829**, 105.
Air Electronic Warfare. J.S. Lake and R.V. Hartman **884**, 42.
Air Force, U.S.
Air Force Orders 493 F-111A Aircraft (Notebook) **774**, 149.
Air Force Will Develop Reconnaissance F-111 (Notebook) **756**, 142.
F-111 Bomber to Replace B-52 (Notebook) **756**, 142.
MATS' Role in Naval Logistics. J.A. Rebentisch, Jr. **736**, 76.
Officer School Output to Triple (Notebook) **770**, 150.
personnel: USAF Names Senior Enlisted Advisor (Notebook) **772**, 148.
Air Navigation
Don't Throw Away Your Sextants, Boys, the Stars Will Rise Again! L.A. White **750**, 54.
Navy Air Navigation Electronics Project (ProfNote). C.E. Stalzer **753**, 149.
Air policy for U.S. E.P. Warner **267**, 722.
Air Power
B.A. Fiske **174**, 1701.
The Projection of Power by Air (NavRev). A.P. Sights, Jr. **867**, 86.
Air preheaters, Howden-Ljungstrom **250**, 2092.
Air Pressures, Limit of Human Endurance of Light **76**, 914.
Air Reconnaissance
Great Silent Weapon. George Cornelius **677**, 35.
TACAMO: New Airborne Weapons System and Warfare Specialty (ProfNote). Antonio Apap **847**, 113.
Air revitalization: Man-Made Air--The State of the Art. J.T. Rigsbee **671**, 30.
Air Support
"...And Three Air Wings". R.E. Hamilton (ProfNote) **897**, 100.
Bronco-The Black Ponies. G.L. Winans (ProfNote) **808**, 125.
Is TacAir Dead? G.G. O'Rourke **884**, 34. **887**, 81, 82. **890**, 79. **895**, 82.
"Right on the Button:" Marine Close Air Support in Korea. J.S. Thach **873**, 54.
TACRON Eleven, "T" as in "Terrible." C.R. Pursley **810**, 46.
V/STOL Close Air Support in the U.S. Marine Corps (ProfNote). S.P. Lewis **884**, 113.
V/STOL, New Force for the Amphibious Task Force. H.C. Boschen, Jr. **809**, 46. **815**, 79.
Air Traffic Control (ATC): Our Crowded Skies. R.J. Koch, Jr. **811**, 26. **818**, 93.
Air traffic rules, Bureau of Standards **262**, 2121.
Air War in Southeast Asia (C&D) **833**, 100.
Air warfare: Hanoi Tonight (ProfNote). W.S. Graves **797**, 136.
Air Warfare's Adolescent Years, 1914-1918. N.W. Emmott **865**, 61. **869**, 81.
Air whistle **265**, 486.
Airborne Early Warning Systems (AEW):
Airborne early-warning system: E-2A Early-Warning System Operations in the Western Pacific (ProfNote). J.J. Mulquin **773**, 132.
The Eyes of the Fleet. T.A. Guarino and C.F. Muller, Jr. (ProfNote) **844**, 117. **889**, 82. **894**, 68.
Aircraft
A-1 Phase-Out Nears Completion (Notebook) **776**, 140.
Clinic for Sick. C.R. Pursley **800**, 55.
Senator Sees Nuclear Aircraft Revival (Notebook) **771**, 156.
WW II transfer of SBC-4s to France: The Beachcomber and the Beachhead (C&D) **884**, 97.
Aircraft--Bombers: Bomber Request Fails McNamara Test (Notebook) **768**, 150.
Aircraft Carriers
Airships: Let's Try New Weapon. F.D. Buckley **459**, 691.
Armament **291**, 539. **303**, 412. (ProfNote) **303**, 412.
Attack Carriers
The Human Equation. T.C. Schelin **864**, 26. **868**, 84. **870**, 88. **873**, 80.
Mobile Might. A.H. Vito, Jr. **699**, 37.
Aviation maintenance: Modular Aviation Package: Prototype Principle. J.J. Mulquin (ProfNote) **840**, 109.
Backbone of Aero-Sea Warfare. J.A. Collett **478**, 1742.
Birth of the (OldNav). W.T. Adams **770**, 162.
The Carrier (C&D) **888**, 79, 80. S.T. De La Mater **884**, 66.
Carrier Capacity Seen Stretched (Notebook) **791**, 146.
Carrier Cost Cut Seen by McNamara (Notebook) **742**, 147.
Carrier Crisis. R.L. Barkley and F.D. Buckley **481**, 345.
Carrier Deployment: Waste Not, Want Not (ProfNote). Lynn Carter, II **862**, 107. **866**, 79.
Carrier to be Named USS Nimitz (Notebook) **777**, 148.
Carrier to Serve as Rocket Launch Range (Notebook) **742**, 159.
Case for the Carrier. W.V. Whidden **821**, 24.
Covered wagons of sea. H.B. Miller **345**, 1461.
CV
Capable Vigilance of Continued Vulnerability (ProfNote). J.T. Coogan, Jr. **829**, 117.
A Survivable Concept? (C&D) **884**, 95. **894**, 65.
Contract for Nuclear Carriers Studied (Notebook) **783**, 143.
Cruisers **231**, 824. **345**, 1579.
Designing the Next Aircraft Carriers. Reuven Leopold **898**, 33.
Development **235**, 1556. **345**, 1463.
Essex: More than a Ship, More than a Class (Pictorial). R.F. Cross, III **871**, 58. **876**, 83.
Flying Deck Cruiser. J.A. Collett **381**, 1545.
Great Carrier Debate (C&D) **850**, 88.
Guns Allowed Aircraft--A Paradox. W.S. Anderson **291**, 539.
Ice on Plane Wings (ProfNote) **303**, 413.
If a modern Lexington, why an obsolete Patoka? **342**, 1069.
Japanese carriers, tabulation of **838**, 76.
Large or small? **237**, 1958. **243**, 873. **254**, 626. **341**, 979.
Lexington and Saratoga, The New Beginning. P.M. Craig **802**, 84.
Modernization of the Midway. J.E. Kaune **816**, 27. **821**, 93. **830**, 102.
The Nimitz-class Carrier (C&D) **893**, 83. **897**, 78.
Not Obsolete. J.A. Collett **476**, 1505.
Role of the Carrier in Control of the Seas. S.T. De La Mater (NavRev) **831**, 110.
Saratoga and squadrons. Ralph Wood **336**, 234.
Seagoing aircraft. S. Ballou **261**, 1795.
Seaplane carrier **344**, 1412.
Soviet Carriers
Soviet "Aircraft Carrier". Norman Polmar (NavRev) **855**, 143.
The Soviet Aircraft Carrier. Norman Polmar **884**, 138. **888**, 79. **897**, 80.
Soviet Carrier On the Horizon?

Aircraft Carriers (Cont.)
Soviet Carriers on the Horizon? T.G. Martin **814**, 46.
Submarine, Airplane on Board. I.A. Gavrilof **383**, 17.
Tailhook Navy (Pictorial). Scot MacDonald **723**, 94.
Tankers, Oil, Case for Aircraft-Carrying. B.O. Lisle **477**, 1555.
Tomorrow's Fleet. J.D. Alden **887**, 117.
Types and Tactics. B. Livingston **433**, 311.
Value **232**, 1037. **263**, 78. **285**, 2328. **298**, 1335. **333**, 1045.
V/STOL and the CV. J.T. Tyler and A.H. Boquet (ProfNote) **896**, 94.
Wind Rules Again. W.C. Chambliss **483**, 636.
Wind, Seapower and Jet V/STOL. John Fozard (ProfNote) **895**, 109.
Wings and wheels. M. Prendergast **348**, 205.
Aircraft Carriers--CVEs
Cinderalla Carriers (Pictorial). R.L. Evans **882**, 52. **884**, 94. **886**, 88. **887**, 81. **895**, 93.
The Old Indispensables (Pictorial). F.L. Palmer, Jr. **882**, 61.
Aircraft Carriers--CVM: Maintaining a Western Carrier Capability. J.L. George **896**, 30.
Aircraft Carriers--Australia **337**, 401. **341**, 980. **344**, 1417.
Aircraft Carriers--France **306**, 707. **337**, 401. **341**, 980. **352**, 925. **355**, 1318.
Aircraft Carriers--Germany
Hitler's Flattop--The End of the Beginning. C.G. Reynolds **767**, 40. **771**, 126. **776**, 101. **778**, 112, 113. **780**, 102.
War Without Aircraft Carriers. E.L. Barker **613**, 281.
Aircraft Carriers--Great Britain **238**, 2158. **241**, 485. **266**, 616. **302**, 310. **305**, 599. **306**, 706. **315**, 460. **324**, 148. **327**, 452. **328**, 557. **333**, 998. **336**, 264. **338**, 550. **343**, 1262. **344**, 1421. **345**. 1574. **347**, 125. **348**, 206, 208, 212, 216. **353**, 1068, 1087. **355**, 1381.
Birth of the Flat-Top. Ernest Watson **639**, 475.
Fisher's Folly--the Fabulous Furious. Douglas Stuart Jordan **628**, 667.
New Carrier for Royal Navy (Notebook) **731**, 141.
Phantom Carrier (ProfNote). E.M. Brown **768**, 138.
Aircraft Carriers--Italy **341**, 980.
War Without Aircraft Carriers. E.L. Barker **613**, 281.
Aircraft Carriers--Japan **297**, 1221. **331**, 862. **341**, 980. **342**, 1110. **353**, 1087.
Akagi, Famous Japanese Carriers. W.L. Robinson **543**, 579. **547**, 1157.
Capital Ships. W.H. Morgan **485**, 959.
Japan's Wartime Carrier Construction. Hajime Fukaya **631**, 1031.
Japanese Carriers (Pictorial Section) **631**, 1038.
Shinano: Jinx Carrier. L.L. Moore **600**, 142.
Shokakus--Pearl Harbor to Leyte Gulf. H. Fukaya (Edited by M.E. Holbrook) **592**, 638.
Submarines: "Underseas Carriers." E.J. Long **568**, 607.
Aircraft Carriers--landing systems:All-Weather Carrier Landing System E.F. Stobie (New Navy) **749**, 156.
Aircraft Carriers--naming: Ensigns, Bays, and Aircraft Carriers (C&D) **851**, 80.
Aircraft Carriers--Support and maintenance: Diminishing Returns in the CVA. J.T. Henrizi **738**, 70.
Aircraft Carriers--Sweden **337**, 403.
Aircraft Carriers--United States **240**, 329. **264**, 306. **267**, 848. **306**, 708. **314**, 322. **334**, 1136. **347**, 123. **348**, 301. **353**, 1086.
Big "E" (Pictorial). V.P. de Poix **712**, 89.
Brighter Future for Carrier Aviation. P.W. Gill and R.A. Teel **609**, 1177. **614**, 451.
Carrier America Launched (Notebook) **734**, 144.
Carrier Employment Since 1950. D.L. McDonald **741**, 26. **757**, 120, 122.
Carrier Task Force in World War II. W.H. Hessler **513**, 1271.
Carrier War in Atlantic. J.L. Blackman, Jr. **546**, 999.
Case for the Attack Carrier in the Missile Age. L.B. Green **665**, 46.
CVL's Success Story. A. Halsey, Jr. **518**, 523.
Forrestal-Class Attack Carrier (Page from the New Navy) **665**, 144.
Future of the Carrier? **678**, 104.
Ill Wind from East. E.W. Pate **506**, 411.
"In Any Operations"--Aircraft Carriers. T.U. Sisson **62**[illegible]. 257.
Jeep versus Giants. W. K[illegible]ig, R.L. Harris, and F.A. Manson **538**, 1445.
Jet Age Carrier (Pictorial). W.J. Aston **639**, 529.
USS Leyte (CVS-32) (ProfNote) **680**, 156.
Lone Carrier--Fact or Fancy? A.H. Vito, Jr. **710**, 50. **721**, 108, 109. **722**, 121.
Naval Aviation, Evolution of Naval Gunfire. W.H. Standley **589**, 251.
Navy's First Carrier Task Force. E.E. Wilson **564**, 159. **573**, 1257.
Portfolio of Aircraft Carriers (Pictorial Section) **582**, 875.
Project Pinwheel. E.O. Wagner **524**, 1285.
Study Seeks More Carriers for Navy (Notebook) **741**, 144.
Three Very Long Minutes: Pictorial Section **574**, 1365.
Training Officers of Deck, Carrier Style. P.D. Stroop **598**, 1297.
Aircraft--close support: OV-1 Believed Undergoing Combat Tests (Notebook) **768**, 152.
Aircraft design and production controversy: Lightweights and Heavyweights. G.G. O'Rourke **840**, 26.
Aircraft detector: Binaural **305**, 611.
Aircraft Engines: F-14--Weapon System in Search of Its Engine. J.S. Christiansen (ProfNote) **866**, 103. **888**, 73.
Aircraft Landing Gear
Navy Moves Toward 100% Arrested Landings (Notebook) **742**, 149.
Navy Tests ACLs at Sea (Notebook) **768**, 148.
Water-Spray Aircraft Arresting Gear. John Thomlinson (ProfNote) **768**, 142.
Aircraft--Launching: Launching Aircraft from the Ocean (Notebook) **758**, 183.
Aircraft--Nicknames: Hosenoses, Stoofs, and Lefthanded Spads. G.G. O'Rourke **785**, 56. **788**, 102, 103, 109. **790**, 103. **794**, 122.
Aircraft--overhaul and repairs: Aircraft Pipeline, the Tail That Wags the Dog. T.R. McClellan **777**, 62.
Aircraft--patrol palnes: P-5 Marlin Closes Seaplane History (Notebook) **776**, 140.
Aircraft Salvage Operations Mediterranean Postscripts to Palomares. Sanchez Goode **790**, 48.
Airlift to Kut. A.P. Sights, Jr. **827**, 50.
Airphobia. C.A. Pownall **277**, 458.
Airplanes
A-11 Forced Evolution (Notebook) **737**, 143.
Carrier-Based ASW Aircraft. R.J. Harlow. (C&D) **767**, 95.
Carrier Curiosities (Pictorial) **852**, 73. **856**, 90. **857**, 97.
Developing the Fleet's Aircraft. A.H. Vito, Jr. **763**, 69.
The E-2C Hawkeye: A Most Versatile Bird. J.B. Russell (ProfNote) **892**, 104.
Found Whole After 23 Years (Notebook) **779**, 146.
Japan Builds a Seaplane. R.A. Hoffman (ProfNote) **780**, 124.
Naval Aircraft in the Next Decade S.T. De La Mater (NavRev) **855**, 66. **859**, 90, 91. **860**, 86, 87. **864**, 78. **866**, 85. **876**, 81, 82.
Navy Pushing New VFAX Aircraft (Notebook) **757**, 153.
New Aircraft Shown at Paris Air Show. J.D. Burlage (ProfNote) **778**, 130.
New EA-6B Aircraft (Notebook) **767**, 134.
New Maritime Role for Dutch Aircraft. J.D. Ferguson (ProfNote) **898**, 101.
The Odd Ones (Pictorial) **811**, 71. **820**, 91. **822**, 96. **828**, 105.
P-3A Orion. L.W. Garrison (New Navy) **735**, 156.
P-5 Martin ASW Plane to Be Retired (Notebook) **770**, 144.
Skyraider Bows Out and Corsair II Enters Combat. Jean Coté and Donald Grantham **785**, 79.
Skywarrior in New Role (Notebook) **738**, 165.
Slumbering V/STOL Program. J.R. Williford **733**, 74.
Starlifter Flies (Notebook) **734**, 149.
World Circled in 25 Days by C-130 Hercules (Notebook) **741**, 147.
Airplanes--ASW
Brequet 1150 Atlantic Aircraft. J.L. Corret (ProfNote) **784**, 131.
The S-3A Viking. Rosario Rausa (ProfNote) **884**, 131.
Airplanes--Attack
A-6A Intruder in Vietnam. R.J. Hays (ProfNote) **767**, 120.
Bronco--The Black Ponies. G.L. Winans (ProfNote) **808**, 125.
Builder Chosen for Navy Plane A-7A (Notebook) **734**, 144.
Carrier Air and Vietnam--An Assessment. A.H. Vito, Jr. **776**, 66.
Corsair II As I See It. J.C. Hill **789**, 38.
Farewell to "Spads". A.D. McFall **746**, 54. **750**, 110, 111. **754**, 117.
Fighter Version of A-7 Under Study (Notebook) **784**, 142.
Intruder Developments (Notebook) **759**, 162.
Navy Orders More TA-4Es Skyhawks (Notebook) **754**, 158.
New Navy Plane Hits Viet Cong (Notebook) **772**, 143.
New Skyhawk (Notebook) **762**, 154.
RA-5C Vigilantes to Mediterranean (Notebook) **744**, 152.
Airplanes--Attack Bombers
Downed Jet Pulverized in Vietnam (Notebook) **754**, 157.
First A-4F Flight (Notebook) **766**, 163.
First of A-7As Undergo Tests (Notebook) **766**, 166.
Airplanes--Bombers
Airborne Torpedoes. N.W. Emmott **894**, 46.
Backfire: Long Shadow on the Sea-Lanes. W.D. O'Neil **889**, 26. **893**, 85. **898**, 81.
France Says No on Skyraiders (Notebook) **751**, 154.
Skyhawk Reordered (Notebook) **734**, 145.
Airplanes--Cargo

Giant Cargo Plane Sought by Air Force (Notebook) **740**, 139.
U.S. Aide Favors New Cargo Plane (Notebook) **737**, 153.
Airplanes--Carrier-Based ASW: Navy Defers VSX Development (Notebook) **769**, 143.
Airplanes--Close Support
Air Force Asks Bids on A-1 Replacement (Notebook) **773**, 150.
Replacement for AC-47 "Dragon Ships" (Notebook) **784**, 143.
Airplanes--Counterinsurgency Aircraft: First COIN Flight (Notebook) **752**, 143.
Airplanes--Early Warning (AEW): E-2A Hawkeye. R.W. Fenn (New Navy) **741**, 156.
Airplanes--Fighters
Developments and Problems in Carrier-Based Fighter Aircraft. C.O. Holmquist (NavRev) **807**, 224. **812**, 86.
F-14 Tomcat (Pictorial). W.M. Powers **884**, 75. **888**, 73.
The F-18. H.L. Halleland (ProfNote) **884**, 123.
F-111 Details (Notebook) **743**, 136.
F-111: USAF Confidence Reaffirmed (Notebook) **763**, 162.
Grumman Gets Navy VFAX Contract (Notebook) **778**, 146.
Hellcats Over Truk. Barrett Tillman **889**, 63. **894**, 65.
How Good Is the MIG-21? (Russia) Mark Lambert (ProfNote) **875**, 98.
Lighter-engine Attempt to Save F-111B (Notebook) **757**, 152.
Lightweights and Heavyweights. G.G. O'Rourke **840**, 26.
Navy Delays F-111B Decision (Notebook) **775**, 150.
Navy F-111B Makes First Flight (Notebook) **750**, 148.
Navy Needs Another Jet Fighter (Notebook) **775**, 151.
Navy Yields on Its TFX Stand (Notebook) **770**, 144.
New Phantoms for Air Force (Notebook) **768**, 152.
Northrop Is Offering Naval Fighter (Notebook) **747**, 168.
Of Fighters and Facts. T.F. Connolly (ProfNote) **833**, 113.
Phantom FV and TSF (Notebook) **759**, 162.
The Single-Seat Cockpit and the NFO (C&D) **887**, 82. **895**, 82.
Statistics Show Some Fighters Safer (Notebook) **790**, 155.
Throw a Nickel on the Grass (C&D) **844**, 89.
Variable-Geometry Phantom Proposed (Notebook) **763**, 156.
Airplanes--Fighter-Bombers
F-111 on Way as No. 1 Fighter-Bomber for Free World (Notebook) **748**, 168.
Navy TFX Gloom (Notebook) **760**, 154.
Airplanes--Flying Boats: NC-4: History Preserved (Pictorial). James Johnston (photog.) **795**, 94. **799**, 106. **801**, 128. **804**, 91.
Airplanes--Ground-Attack Fighter: Spey A-7A Proposed (Notebook) **758**, 171.
Airplanes--Helicopters
Army Orders 18 Flying Cranes (Notebook) **772**, 146.
Army Requests Copters (Notebook) **751**, 155.
Army Seeking New Helicopters (Notebook) **755**, 155.
Faster Copters Sought by Army (Notebook) **738**, 158.
Helicopter ASW (C&D) **845**, 83, 85.
Helicopter "Explodes" to Safety (Notebook) **755**, 152.
The Helicopter: Hazardous at Any Height? W.H. Baker **812**, 56. **818**, 95.
Hughes LOH the Winner (Notebook) **751**, 156.
Marine Helicopters--Stunted Growth. J.D. Watson **845**, 34. **849**, 88.
New Helicopter "Gunship" (Notebook) **759**, 163.
Sikorsky SH-3A Helicopter Sets Record (Notebook) **748**, 152.
UH-2A/B Seasprite Now a Twin (Notebook) **767**, 134.
UTTAS: The Helicopter of the 1980s? Mark Lambert (ProfNote) **884**, 128.
Airplanes--Maintenance: Clinic for Sick Aircraft. C.R. Pursley **800**, 55.
Airplanes--Nuclear-Powered: Atomic Plane Is Again Under Study (Notebook) **772**, 154.
Airplanes--Observation-Liaison: The Coin Airplane. A.O. Morton (ProfNote) **744**, 138. **750**, 111.
Airplanes--Patrol
Bombers: SP-5B Martin Marlin Seaplane Receives Jet Engines (Notebook) **740**, 132.
Canada's Auroras (Orions) Due For Delivery in 1980 (C&D) **887**, 85.
First of New P-3B Orions (Notebook) **759**, 162.
Flying Lifeboat of the Coast Guard. H.C. Reisinger **359**, 81.
P-2 and P-3 on Patrol (Pictorial). Seymour Dombroff **753**, 92.
Airplanes--Reconnaissance: U-2 Quantities (Notebook) **734**, 149.
Airplanes--Repair and Recovery: "Hercules Unchained." W.S. Kosar **884**, 151.
Airplanes--Seaplanes: They Sailed to the Flying Boat's Future. W.B. Murphy **753**, 82. **757**, 123.
Airplanes--Strike Reconnaissance: XV-6A Carrier Suitability Testing. J.J. Mulquin (ProfNote) **770**, 135.
Airplanes--Supersonic Transports
Fuel for the SST (Notebook) **756**, 152.
Sixteen Design Objectives Specified for SST (Notebook) **752**, 164.
Airplanes--Transports: Giant New Plane (Notebook) **761**, 158.
Airplanes--Transport/Tankers: Sea Legs for the Hercules. J.J. Mulquin (ProfNote) **745**, 132.
Airplanes--U.S. Air Force: A-7 Corsair II for Air Force (Notebook) **765**, 164.
Airplanes--V/STOL
V/STOL Close Air Support in the U.S. Marine Corps. S.P. Lewis (ProfNote) **884**, 113.
V/STOL, New Force for the Amphibious Task Force. H.C. Boschen, Jr. **809**, 46. **815**, 79.
V/STOL: Stalled? R.M. Braybrook **860**, 32.
The Transition to V/STOL. J.L. Holloway, III **895**, 18.
Why V/STOL? G.G. O'Rourke **875**, 39. **880**, 79. **884**, 91.
Wind, Seapower and Jet V/STOL. John Fozard (ProfNote) **895**, 109.
Wondrous World of Jet V/STOL. G.G. O'Rourke **837**, 33.
Airplanes--VTOL
Future of Navy VTOL Systems. J.B. Kusewitt, Jr. **847**, 25.
Perspective On Sea-Based VTOL (ProfNote). W.V. Whidden **813**, 95. **827**, 93.
Airports
Airship base hearings **330**, 765.
Air Transport and Security. E.E. Wilson **372**, 177. **378**, 1138.
Airways and Airports. H. Bingham **272**, 1990.
Albrook Field, C.Z. **355**, 1383.
Annapolis: NAS Annapolis. R.W. Murch **584**, 1069.
Arresting gear for roof top **329**, 656.
Cape May, N.J. **359**, 86.
Circular Airport Proposed by Navy (Notebook) **756**, 140.
Community Planning and the Naval Air Station. E.F. van Lier Ribbink **627**, 541. **631**, 1047.
Germany: Tempelhof **358**, 1842.
Give Us Bombproof Air Bases. L.S. Davis **458**, 476.
Jan Mayen: Proposed Air Base. J.R. Dyer **466**, 1725.
May Go Waterborne (Notebook) **791**, 150.
Motor hum controls airfield lights **298**, 1326.
Newark, N.J. **355**, 1383.
Patuxent River, Maryland, Naval Air Station (Pictorial Section) **596**, 1127.
Pensacola, Florida
Alma Mater of Naval Aeronautics. J.L. Seligman **421**, 344. Illus. **421**, 332.
Cradle of Naval Aviation. J.B. Smith **615**, 553.
Naval Air Station (Pictorial Section) **615**, 562.
Reaching Back. L.W. Parrish **450**, 1127. Illus. **450**, 1124.
Randolph Field, Texas **330**, 761.
U.S. Naval Air Bases from 1914 to 1939. I.D. Spencer **561**, 1243. Illus **561**, 1242, 1245, 1247, 1250, 1253.
Airships
Aircraft carriers **226**, 1974. **232**, 1041. **233**, 1224. **235**, 1603. **245**, 1209. **248**, 1714. **269**, 1241. **286**, 2547. **319**, 816. **344**, 1422.
Airship offensive. W.H. Henderson **271**, 1756.
Airships--or Not? W. Nelson **367**, 1327. **371**, 104.
Airships for military purposes. C. deF. Chandler **270**, 1531.
Airship personnel. C.E. Rosendahl **314**, 305.
Airship situation. C.E. Rosendahl **293**, 745.
Airships and weather. J.B. Anderson **260**, 1629.
Akron
Loss of. C.E. Rosendahl **377**, 921.
-Macon Heavier-Than-Air Unit. R.K. Smith (Old Navy) **756**, 158.
Method of Search for. G.M. Richardson **374**, 470.
Rescue. J.A. Moffett **370**, 1717.
Blimps
Blast Subs. R.G. Picinich, Jr. **488**, 1324.
Future of, in Navy. M.W. Cagle **562**, 1363. **566**, 439.
Why No Blimps? T.G.W. Settle **432**, 238.
British Destruction of Zeppelins. L.P.Y. Smith **403**, 1242. **406**, 1772. **408**, 256. **412**, 871.
Commercial **222**, 1301. **264**, 329.
Construction **202**, 2096.
Controversy **274**, 2361.
Defense of. W.A. Moffett **244**, 1055.
Development **225**, 1838.
Design of the Great. W.L. Fischer (ProfNote) **780**, 126. **784**, 116, 117.
Dirigibles for Hemisphere Defense. J.G. Vaeth **557**, 753.
Dixmude (France) **250**, 2083. **253**, 484. **254**, 637. **255**, 813.
Even the Birds. F.L. Dugan **371**, 44.
Flying ships. H. Russell **273**, 2200.
France **230**, 646. **237**, 1960.
Future **233**, 1215.
Gas problems **204**, 296. **231**, 830. **284**, 2112.
German Submarine Sinks U.S. Blimp **659**, 96.

Airships (Cont.)
Germany **207**, 777. **216**, 272. **235**, 1582. **284**, 2113. **287**, 96. **330**, 746. **358**, 1841.
World War **233**, 1190. **279**, 1009.
Goodbye to the Gas Bags (Pictorial). R.H. Rankin **704**, 91.
Graf Zeppelin **310**, 1101. **321**, 998. **330**, 746. **340**, 838. **344**, 1409. **357**, 1685. **358**, 1841.
Handling and mooring. G.H. Scott **316**, 542.
Have airships a military value. J.P. Norfleet **330**, 708.
Japan **235**, 1575. **255**, 823. **300**, 147.
Let's Try New Weapon. F.D. Buckley **459**, 691.
Lighter-than-Air Craft and Line Squalls. F.J. Nelson **373**, 369, 397. **378**, 1142.
Metal-clad airships. C.V.S. Knox **330**, 741.
Mission of naval airships. T.G.W. Settle **357**, 1621.
Mooring masts **201**, 1932. **246**, 1361. **252**, 310. **253**, 481. **259**, 1432. **260**, 1703, 1739. **290**, 469. **342**, 1120.
Naval Service, Airships for. W. Hovgaard **397**, 362.
Naval uses **234**, 1439. **328**, 543.
Navigation of Rigid Airships. S.E. Peck **366**, 1150.
Navy Skyhooks. H.B. Miller **384**, 234.
Navy's Tin Bubble. R.H. Rankin (Old Navy) **750**, 170. **755**, 114.
New Anti-Submarine Warfare Airship (Pictorial Section) **573**, 1249.
Our Lighter-Than-Air Policy. F.X. Carmody **453**, 1586.
Questions and Answers Concerning Airships. F.H. Gilmer **396**, 176.
Rigid airships. G. Fulton **224**, 1565. **225**, 1697.
Russia **356**, 1538.
Something's Doing in L.T.A. George Cornelius **659**, 39.
Spain **227**, 101.
Teaching Old Dog New Tricks. C.S. Rounds **450**, 1153.
Trapeze and hook-on history **384**, 234.
Triumph of zeppelins. J.B. Gautreau **263**, 117.
Types **228**, 304. **230**, 671. **299**, 56. **312**, 144.
Utility Uses for Airships. J.G. Vaeth **541**, 297.
Value **228**, 304. **330**, 708. **338**, 536. **339**, 677.
Value of Airships. H.V. Wiley **375**, 665.
Vulnerability **433**, 399.
of Airships to Airplane Attacks. E.K. Van Swearingen **403**, 1244. **406**, 1772.
Water ballast recovery. I.F. Fravel **252**, 308.
Water-recovery method of ballast. J.C. Arnold **330**, 731.
Whys and wherefores. C.A. Tinker **231**, 691.
Why Should United States Have Airships? F.H. Gilmer **412**, 806.
World's new **232**, 1039.
Airships--England 202, 2098. **209**, 1114. **230**, 528. **249**, 1881. **286**, 2547. **315**, 448. **341**, 982. **344**, 1409. **345**, 1573. **346**, 1716. **348**, 303.
Abandons **203**, 139. **231**, 816.
Construction **201**, 1934. **264**, 328. **267**, 813.
Cost **327**, 451.
Defense and airships **250**, 2057.
Opinion **274**, 2342.
R-101 **264**, 329. **268**, 1061. **315**, 448. **318**, 727. **322**, 1079. **327**, 451. **330**, 746. **334**, 1149. **337**, 409. **340**, 838. **341**, 983.
State and airships **321**, 1002.
Airships-U.S.
Airships a necessity. C.A. Tinker **245**, 1223.
Akron (ZRS-4) **323**, 67. **326**, 347. **332**, 946. **337**, 409. **338**, 536. **340**, 836. **341**, 983. **342**, 1120. **344**, 1409, 1416, 1422. **345**, 1573. **347**, 119, 123. **349**, 426. **352**, 936. **354**, 1233. **355**, 1233. **357**, 1621, 1684. **358**, 1840.
Base hearings **330**, 765.
C-2 **238**, 2179.
C-7 **228**, 303.
Celestial cruise (Los Angeles). H.V. Wiley **266**, 604.
Construction **265**, 481. **290**, 461.
D-6 **224**, 1649. **225**, 1827.
German airship not allowed U.S. **231**, 827.
Los Angeles (ZR-3) **234**, 1444. **250**, 2084. **257**, 1151, 1170. **262**, 2114. **269**, 1287. **301**, 227. **330**, 730. **332**, 946. **337**, 409. **338**, 536. **339**, 677. **344**, 1422. **349**, 426.
C.E. Rosendahl **340**, 751.
Macon (ZRS-5) **346**, 1715. **347**, 119. **350**, 612. **353**, 1068. **354**, 1233. **357**, 1622, 1684. **358**, 1840.
Metal-clad **206**, 627. **289**, 347. **309**, 1009. **320**, 912. **324**, 155. **330**, 730, 741.
Policy **341**, 982.
Roma **226**, 1977. **227**, 128. **228**, 305. **230**, 663. **231**, 830.
R-38 **212**, 1677. **214**, 2027. **224**, 1648. **226**, 1976. **231**, 829.
Rigid airships
H.T. Bartlett **252**, 161. **255**, 792.
R.G. Pennoyer **230**, 517.
Shenandoah (ZR-1) **234**, 1442. **247**, 1553. **249**, 1929. **250**, 2082, 2088. **252**, 161, 308, 313. **253**, 487. **254**, 668. **259**, 1565. **273**, 2195. **274**, 2342, 2377. **276**, 396. **283**, 1913. **290**, 464. **291**, 585.
TC-1 **246**, 1363.
TC-2 **245**, 1209.
TC-10 **355**, 1383.
ZMC-2 **320**, 912. **330**, 730, 741.
ZR-2 **223**, 1463. **225**, 1825, 1830, 1842.
Airways
Air mail **208**, 966. **219**, 765. **255**, 846. **259**, 1567. **280**, 1213. **286**, 2615. **347**, 127. **348**, 1841.
Air Transport and Security. E.E. Wilson **372**, 177. **378**, 1138.
Air transport statistics **271**, 1768. **277**, 525. **280**, 1218. **297**, 1224. **322**, 948. **329**, 657. **348**, 1740.
Airways and airports. H. Bingham **272**, 1990.
Cairo-Cape Town **335**, 119.
City Names Displayed **350**, 629.
England **355**, 1384.
European **246**, 1363. **247**, 1557.
France **284**, 2093.
Germany **291**, 596.
Japan **355**, 1385.
Manchuria **355**, 1386.
Maps **298**, 1327. **319**, 817.
New York/San Francisco **207**, 777.
Pan-American **328**, 319. **557**, 812.
Spain-to-Argentina **228**, 309.
"Swissair" Co. **355**, 1384.
United States 355, 1383, 1384. **356**, 1535. **358**, 1841.
Ajax HMS **351**, 765. **354**, 1221. **355**, 1370. **357**, 1674.
Description **142**, 759. **149**, 213.
Trials **147**, 1337.
Akagi (HIJMS) **297**, 1221. **341**, 980.
and Soryu (Japan), Midway, 1942. See Cover Pictures--June, 1952.
Famous Japanese Carrier. W.L. Robinson **543**, 579. **547**, 1157.
Akers, Frank: Navy Juniors Are Smart (anecdote) **682**, 34.
Akers, G.W. **268**, 1024. **336**, 248. **353**, 1061. **361**, 434.
Groundwork for Today's Naval Reserve **434**, 494.
National Policies and Defense **377**, 897.
Promotion of Good Will for Navy **380**, 1390.
Tender Memories **490**, 1567.
Aki (HIJMS) **339**, 632.
Armament **129**, 297.
Description **122**, 868. **142**, 722.
Trials **138**, 646.
Akron (U.S. airship) **359**, 141, 147. **360**, 300. **363**, 783. **364**, 910. **370**, 1717. **374**, 470. **377**, 921.
Akron-Macon Heavier-Than-Air Unit.
R.K. Smith (Old Navy) **756**, 158.
Alabama: (Later New Hampshire): See New Hampshire (U.S.).
Alabama (Confed.) **477**, 1543.
Alabama (C.S.): Again the Alabama (Old Navy). S.W. Handford **736**, 172.
Alabama (CSS) **341**, 878.
"Daar Kom Die Alabama" (OldNav). Ben Eiseman **866**, 72.
Kearsarge (U.S.) battle **282**, 1681. **288**, 171.
Alabama (U.S.) **277**, 467.
Great Name in Fighting Ships. E.C. White **474**, 1079.
Alabama (USS): (BB-60) **895**, 63.
Alameda, California: Chosen as navy yard site, 1918 **179**, 126.
Alameda, Naval Air Station (Pictorial Section) **659**, 80.
Aland Island: Finland to control **222**, 1316.
Alarm (U.S.)
An Experiment (Old Navy). R.H. Rankin **748**, 176.
The U.S.S.: R.M.G. Brown **10**, 499.
Alaska
Aerial Survey of Southeastern Alaska, 1948. T.F. Pollock **565**, 303.
Angels in the Snow: Search and Rescue in the Arctic. R.A.J. Ranieri (ProfNote) **851**, 103.
Alaskan Navy, In. G.C. Weldin **355**, 1301.
Aleutian Islands
Life in. W.M. Lockhart **413**, 1001.
Their Strategic Importance. W.L. Goldsborough **460**, 830.
USS Gannet Visits Attu, May 28, 1932. L.L. Rowe **424**, 831.
Army world flight, 1924 **429**, 1589.
Attu, Battle for: Proving Ground for Cold Weather Operations. I.E. McMillian **556**, 663.
Coast Guard and development of Alaska. B.L. Reed **315**, 406.
Cockpit of North Pacific. J.K. Eyre, Jr. **488**, 1287.
Explorations in. Geo. M. Stoney **91**, 533. **92**, 799.
Foxes of Semisopochnoi Island **413**, 1017.
Glaciers **413**, 939, 969.
Harbor Hunting in Alaska. J.M. Ellicott **413**, 939.
Ice in Bering Sea and Arctic Ocean. F.A. Zeusler **462**, 1102.
King Island. C.H. Hilton **413**, 980.
Life in the Aleutian Islands. W.M. Lockhart **413**, 1001.
Man and Materials in Polar Regions. G.W. Grupp **558**, 865.
Map: loose insert **413**.
Military bases non-existent **351**, 774.
Mountains and volcanoes **413**, 929, 939, 950, 1003, 1017.
Names. F.A. Zeusler **464**, 1428.
Naval Administration in Alaska. Henry Glass **52**, 1.
Naval Arctic Research Laboratory. R.D. Wells **799**, 39.
Navigating inland waterways. T. Macklin **331**, 827.
Notes on Alaska Piloting. R.F. Farwell **413**, 969.

Oil reserves **254**, 652.
One Way Is through Alaska. H.B. Hutchinson **491**, 1.
Petroleum Exploration in Arctic Alaska. W.G. Greenman **567**, 527.
Radio station, Amaknak Island **413**, 1002.
Reminiscences of Chechako. G.T. Rude **446**, 551.
Salmon industry: Some Ships That Have Passed. M.A. Ransom **413**, 953.
Seagoing Indians. Alfred Tawresey **413**, 929, 980.
Seal Industry, Navy's Part in Fur. J.C. Cunningham **396**, 236. **398**, 563.
Survey by Navy **351**, 763.
Tempest and Storm in Ultima Thule. H.B. Hutchinson **413**, 993.
Top of Axis. M.A. Ransom **441**, 1543.
Unalaska U-8 center **345**, 1508. **355**, 1297.
When an eagle falls on water. R.M. Ihrig **307**, 747.
When the Navy Ruled Alaska. Mel Crain **624**, 198. **627**, 591.
Alaska (U.S.) **393**, 1626.
Alaskan Coal Investigating Expedition, 1912. See: Downey, John O. **148**, 1651.
Albania **309**, 1023.
Albanian independence proclaimed **172**, 1355.
Albania Seen Getting China Sub Base Aid (Notebook) **733**, 151.
Albanians Accuse Soviets of Stealing Subs (Notebook) **750**, 160.
"Last Lonely Stronghold". Leslie Gardiner (Satellite countries) **776**, 54.
Albany (U.S.) **377**, 951.
Albatros (France) **331**, 857. **347**, 126. **349**, 431. **350**, 616.
Albatross (Australia) **341**, 980. **344**, 1417. **337**, 401.
Albay (U.S.) **509**, 825. **516**, 285.
Albemarle (Confed.) **427**, 1344. **560**, 1132.
Albemarle CSS: See also: Cushing, W.B. **143**, 974.
Alberico di Barbiano (Italian) **352**, 926. **353**, 1076.
Albert Leo Schlageter (Germany) **852**, 43.
Albert, N.L.: Low Cost of Freedom (Krulak) (C&D) **815**, 88.
Albert, Neil: Patriotism: the Self-evident Truths (Mason) (C&D) **832**, 103.
Alberto A. **281**, 1382.
Alberto di Guissano (RIN) **333**, 1041. **337**, 398, 402. **353**, 1076.
Albion HMS: Photograph of the Albion grounded and being fired on by Turkish forts **161**, 279.
Albion, R.G. **448**, 870. **606**, 906. **614**, 460. **704**, 122.
Book Review **736**, 128. **749**, 118. **774**, 121.
Communications and Remote Control **642**, 832.
Distant Stations **613**, 265. **619**, 1042.
Logistics in World War II, a Bibliographical Survey **647**, 97. **651**, 555.
Naval Affairs Committees, 1816-1947 **597**, 1227.
New Interpretation (anecdotes) **599**, 37.
State, War, and Navy--Under One Roof, 1882 **557**, 793.
Albrecht, Archduke of Austria: Presumably) Responsibility **24**, 335.
Albright, Herm
Always Use Caution (anecdote) **762**, 79.
A.W.O.L. (anecdote) **693**, 51.
Father of Modern Gunnery (anecdote) **733**, 87.
Her Favorite After-Dinner Speech (anecdote) **746**, 35.
Just Coasting (anecdote) **844**, 55.
Poor Polly (anecdote) **800**, 85.
Albright, R.G. **486**, 1118. **496**, 708.
Alcala Galiano (Sp. destroyer) **328**, 548.
Alcalde of Monterey. R.J. Plumb **791**, 72.
Alcantara (Great Britain) **839**, 81. **869**, 52.
Alcantara HMS: Engagement with German raider Grief **162**, 653, 1039.
Alcedo (U.S.) **411**, 630.
Sinking. C.C. Hanks **418**, 1762.
Sunk by torpedo **178**, 3030.
Alchiba (U.S.) **487**, 1284.
Alcivar, E.A.
Anchored to His Embarrassment (anecdote) **790**, 71.
Man Overboard Drill (anecdote) **750**, 53.
Alcobia, Manuel: Well Preserved (anecdote) **711**, 58.
Alcohol
Alcohol and the eyes **150**, 608.
Alcohol as fuel **148**, 1441. **199**, 1640.
Medical view of value of alcohol **156**, 570.
"Splice the Main Brace." R.E.. Bassler **417**, 1588. **424**, 891.
Alcohol--Grog
Abolition of the Rum Ration. Lawrence Phillips (Old Navy) **809**, 86.
Its Origin and Use in the U.S. Navy. Constance Lathrop **385**, 377.
What's It Like in a Wet Ship? R.E. Goodspeed **740**, 42. **743**, 104.
Alcohol--Wine Mess
Let's Show the Grape With the Flag R.A. Komorowski (C&D) **762**, 123. **769**, 115.
Sober Reflections on a Mess Night. J.T. Bonner, Jr. **849**, 51.
Alcoholism: "An Old Sailor Tradition". W.R. Robinson **866**, 42.
Aldebaran (French sloop) **201**, 1908.
Alden, Carroll S. **246**, 1391. **355**, 1362. **435**, 732. **452**, 1475. **667**, 105.
American submarine operations in the war **208**, 811. **209**, 1013.
Changing Naval Academy **316**, 495.
Officers and Gentlemen in Making **392**, 1494.
Outstanding Naval Officers--Once Midshipmen **516**, 277.
The Santee: an appreciation. Illus. **146**, 762.
Stephen Bleeker Luce **262**, 2010.
Alden, J.D. **619**, 1043. **688**, 110. **701**, 98. **706**, 103, 105. **711**, 120. **725**, 112. **726**, 104. **729**, 104. **783**, 109.
"Away the Boarding Party" **743**, 68.
(1) Boarding parties
(2) World War II--Sub ops--Pacific.
(3) Junks, U.S. Raids on Japanese. See Alden
(4) Submarines used as gunboats See Alden
Banana Boats and Blockade Runners (OldNav) **818**, 64.
Book Reviews **770**, 118. **781**, 119. **795**, 117.
Bureaus Go On Forever (C&D) **783**, 105. See T.W. Ray
Case for the Oceanic Strategy (C&D) **788**, 110.
Co-author. See Bennett, M.D.
Credible Incentive (C&D) **740**, 94. **742**, 107, 110, 111.
See Golden, W.A.
(1) Morale
(2) Naval service as a career
(3) Officers
(4) Pay
Engineering Duty Officers: The Dwindling Muster (C&D) **757**, 113.
See C.R. Peck
(1) Bureau of Ships
(2) Engineering Duty Officers
(3) Officers
(4) Personnel administration
How Do You Rate Your Chiefs? (ProfNote) **703**, 127.
Monitors 'Round Cape Horn (Alden) **864**, 79.
Monitors 'Round Cape Horn (OldNav) **859**, 78.
National Strength Through National Service **797**, 68. **803**, 97.
The Naval ROTC (C&D) **797**, 106. **801**, 111, 112.
Olympian Legacy (Pictorial) **883**, 60. **888**, 83. **893**, 88.
Ph.D. in Uniform (C&D) **770**, 111. See B.I. Edelson: Education & training--advanced degrees.
Portsmouth Naval Shipyard (Pictorial) **741**, 89. (1) Shore establishments--Naval shipyards.
The Ship of Three Names (OldNav) **724**, 172.
Tomorrow's Fleet **887**, 117.
Unfaced Challenge, Submarine Versus Free World **734**, 26. **737**, 109. **738**, 112, 114. (1) Warfare--Antisubmarine.
Up from Ashes--The Saga of Cassin and Downes **695**, 33. **698**, 102. **704**, 117.
Whatever Happened to the Battleship Oregon? (OldNav) **787**, 146.
When Airpower Rode on Paddle Wheels (OldNav) **699**, 181.
Yacht That Was a Destroyer (OldNav) **778**, 156. Isabel (U.S.)
Alden, John
ARD-1, the Pioneer **773**, 70.
(1) Docks and drydocks
(2) Floating drydocks
Attack Carriers: The Human Equation (Schelin) **873**, 80.
Book Review **762**, 126.
USS Brooklyn (Pictorial) **758**, 112.
(1) Cruisers (U.S.)
Alderman, J.C.: Cruise of the Nancy **651**, 519.
Aldrich, C.E. **712**, 110.
Alert (U.S. yacht) **440**, 1530.
Aleutians Campaign
Battle of the Pips. Bruce McCandless **660**, 49. **665**, 108.
Kiska, Mysterious Withdrawal From. Masataka Chihaya **660**, 31.
Aleutian Islands
Day the Navy Caught a Zero (OldNav). R.L. Underbrink **780**, 136.
Day the Navy Caught a Zero (C&D) **791**, 105. **795**, 114.
Alexander Agassiz (German raider) **470**, 534.
Captured **183**, 1155.
Alexander Hamilton (CG cutter) **335**, 110.
Alexander II (Russia) **841**, 79, 87, 88, 89.
Alexander, King of Yugoslavia: Yugoslavia Ends Dictatorship **345**, 1587.
Alexander of Greece, Death of King **214**, 2045.
Alexander, the Great
Admiral Nearchos. C.Q. Wright **214**, 1925.
Ancient Amphibious Assault. E.K. Thompson **527**, 38.
Strategy and tactics of. See Darrieus, War on the Sea **125**, 121.
Alexander, Hunter **726**, 111.
Book Review **770**, 123.
Alexander, Joseph **727**, 99.
Alexander, R.G. **723**, 118.
and W.L. Read: Let's Get Rid of the Conveyor Belt! **655**, 938.
Experiment in Total War **642**, 837.
Making Atomic Strategy **632**, 1081.
Alexander, R.J. **712**, 106.
Can We Really Afford Surface ASW Ships? (ProfNote) **858**, 107. **861**, 103. **862**, 73, 74, 75. **863**, 85.
Gun Gap and How to Close It (C&D) **757**, 117.
Oceanographic Predictions Through ASWEPS (ProfNote) **708**, 145.

Alexander, R.J. (Cont.)
Oceanography and Future Naval Warfare **724**, 66.
Oceanography by 1970--the Fallibility of Forecasts (C&D) **829**, 109.
Zero Draft and Future Naval Commitments (C&D) **840**, 94.
Alexander USS, 1782: See **148**, 1461.
Alexander, W.T.: Ground Floor View of Military Appearance (ProfNote) **666**, 122. **670**, 122.
Alexandria
Armored Train, etc. N.H. Barnes **22**, 574.
The Bombardment of. C.C. Rogers **22**, 523.
Bombardment of. Sir B. Seymour **22**, 540.
Hospital Service. John W. Coles **22**, 619.
Machine Guns in Egypt **22**, 588.
Material Transported **22**, 606.
Mounting of Guns at Ramlet **22**, 570.
Naval Brigade **22**, 571.
Naval Base, Italian Attack on. L.D. de la Penne and Virgilio Spigai **636**, 125.
Navy and Marines on Shore **22**, 566.
Results of Bombardment of. C.M. McCarteney **22**, 560.
Seizure of Suez Canal **22**, 577.
Seymour and Wolseley. New Peers. **22**, 623.
Subsistence at. J.Q. Barton **22**, 620.
The Defenses of. T.D. Griffin **22**, 545.
The Result of the Bombardment of. Albert Gleaves **22**, 549.
Transports. A.V. Wadhams **22**, 615.
Transport Service **22**, 588, 597.
Troops Transported **22**, 600.
Wolseley's Instructions **22**, 622.
Alexbow Ice Plow. Gerald Waring (ProfNote) **789**, 141.
Alexis, A.D. **583**, 993.
ALFA, Antisubmarine Defense Group. T.D. McGrath **678**, 49.
Alfaro, R.J.: Geo. Washington **350**, 633. **350**, 636.
Alfonso Leaves Spain **340**, 843.
Alfonzo XIII (Spanish battleship)
Description **142**, 776.
Launched **146**, 865, 1758.
Alfred (U.S.) **433**, 324.
Alger, John: Objective Was a Volunteer Army **804**, 62. **809**, 107. **815**, 87.
Alger, P.R.
Armor for Ships of War **76**, 753.
The Composition and Arrangement of Ships' Batteries **82**, 229.
Errors of Gun-Fire at Sea **96**, 575.
High Explosives in Naval Warfare **94**, 245.
Improvements in Ordnance and Armor in the Recent Past and Future **81**, 125.
On the Tension of Winding Wire Guns **27**, 793. **32**, 141.
Ordnance and Armor **99**, 529.
Ordnance and Armor, Development of, in the Immediate Past and Future **80**, 777.
The Gun in Naval Warfare **72**, 691.
Alger, Philip R. **848**, 65.
Accuracy and probability of gunfire **108**, 936.
Correspondence regarding naval traditions **108**, 823.
Erosion and ballistics: a rejoinder. Illus. **136**, 975.
The firing interval **127**, 1023.
Freedom of discussion. **112**, 831.
Gun erosion **135**, 697.
The Le Duc velocity formula **138**, 535.
Naval Academy miniature of John Paul Jones **115**, 585.
Notes on ballistic tables **109**, 209.
On age limit at the Naval Academy **114**, 447.
On American naval policy **113**, 179.
On "Courage and prudence." **126**, 692.
On elements of fleet tactics **118**, 686.
On Hints on naval tactics **125**, 41.
On the invention and development of the telescope sight **130**, 569.
On the naval profession **122**, 841.
On proposed new type of battleship **102**, 269.
On stability of smokeless powder **136**, 1147.
Professor Philip Rounseville Alger, U.S.Navy: an appreciation. A.M. Knight **141**, 1.
Recoil **115**, 677.
Rifling **112**, 791.
Some thoughts on ordnance material **103**, 485.
Torpedo fire at moving targets **129**, 171.
Alger, Philip R. tr.
Battle of the Sea of Japan (from Official reports) **115**, 612.
Bernay, H. French Commission on naval tactics. **132**, 1253; Projectiles for naval guns--(with comments by translator) **130**, 533.
Chapuis, M. Torpedo fire at moving targets **129**, 153.
Darrieus, G. War on the sea: strategy and tactics **125**, 97, 429, 821.
Daveluy, R. Genius of naval warfare; tactics **135**, 733, 991. Study of naval strategy **131**, 903, 1057; **133**, 126, 393.
Employment of submarine mines in future naval wars **127**, 1039.
Endurance tests of Krupp naval guns of large cliaber **132**, 1205.
Ferrand, M.C. Torpedo and mine effects in the Russo-Japanese war **124**, 1479.
French naval maneuvers of 1907 **123**, 965.
Vielle, P., and Liouville, R.: Influence of velocity on the law of deformation of metals **136**, 985. Measuring the resistance of metals to rapid deformations **136**, 987.
Alger, R. **248**, 1606.
Algeria: Case Study in the Evolution of a Colonial Problem. A.J. Cottrell and J.E. Dougherty **653**, 723.
Algerie (French) **336**, 256. **337**, 401. **344**, 1417. **347**, 117. **350**, 616. **353**, 1074. **355**, 1373.
Algiers: See Cover Pictures--October 1961.
Algiers, N.A., Jr.: Naval Institute Acquires Our Navy Photo Collection (SecNotes) (C&D) **863**, 83.
Algonquin SS: Sunk by submarine **170**, 877.
Aliberti, Salvatore **634**, 1379. **639**, 541.
Alien Laws Upheld, West Coast **251**, 148.
Allcorn, F.W., III: Quiet Crisis in the Silent Service (Thamm) (C&D) **827**, 85.
Allegheny (USS): R. Davison and Royce D. Salvage **242**, 631.
Allegiance: Oath of Allegiance. T.H. Reese **751**, 52.
Allen, A.M.R. **280**, 1169. **282**, 1563. **286**, 2643. **287**, 78. **289**, 336. **292**, 683. **450**, 1169.
Good steering **216**, 187.
Standardizing Terms--in Navigation **305**, 562.
Allen, A.W. **609**, 1247.
Allen, B.C.
Practical Approach to Pacific Problem **499**, 1137.
Yap **225**, 1741.
Allen, C.D.: Case for the Big Frigate (ProfNote) **825**, 106.
Allen, C.D., Jr.
Destroyers at the Crossroads (C&D) **774**, 107. **776**, 109.
Gun Systems? For Air Defense? (O'Neil) (C&D) **829**, 105.
NATO Sea Sparrow (ProfNote) **797**, 144.
New Way for Officer Fitness Reports (C&D) **789**, 110.
Practical Operational Studies (ProfNote) **788**, 135.
Realities of Arms Limitations (Paolucci) (C&D) **835**, 94.
Allen, C.K.: Overhead Complicates Joint Operation (anecdote) **600**, 141.
Allen, E.G. **267**, 804. **276**, 316.
Organization of U.S. Fleet **331**, 829.
Tactical ramblings **253**, 389.
Allen, E.J.
A discussion on naval management **157**, 863.
Notes on policy, materiel and personnel **159**, 1489.
Allen, E.S.
Oceanography: The Need and the Promise **695**, 77.
Research Submarine Alvin (ProfNote) **734**, 138.
Allen, E.W.
Fish Can Be International **644**, 1066.
Three-Mile Limit: Obsolete Concept? (C&D) **773**, 109.
Allen, H.: Twelfth regiment at Great Lakes **217**, 367.
Allen, H.A.
"Fustest with Mostest"--But How? (anecdote) **603**, 531.
"They Also Serve...." (anecdote) **557**, 751.
Allen, J.H.: No Admiral-itis (anecdote) **562**, 1353.
Allen, J.L.
Decibels in Fog **464**, 1445.
Leaves from Greenland Diary **468**, 201.
Allen, John R.: The Naval Officer; Manager or Leader? (Bowler) (C&D) **878**, 85.
Allen, Phoebe: World Conditions Are Improving (anecdote) **733**, 63.
Allen, R.B.: Admirals Are All Right (anecdote) **640**, 591.
Allen, R.C.
Deep Selection (Kane) (C&D) **862**, 85.
The Navy's Unwelcome Visitors (Milre) (C&D) **862**, 85.
These Dirty Ships of Ours (Cummins) (C&D) **862**, 85.
Allen, R.F.: Command Money Management (C&D) **753**, 118.
Allen, R.W. **725**, 109.
Allen, Scott
China: Nuclear Dragon **832**, 43.
"Sancho! My Armor! My Sword!" **896**, 18. **900**, 87.
Allen, S.J.: Air-Sea Rescue off Halmahera **615**, 549.
Allen, W.D.: This Business of Project Management (Featherston) **839**, 99.
Allen, W.G.: Radar Data Computer (ProfNote) **698**, 135.
Allen, W.H. **435**, 653. **480**, 169.
Chesapeake-Leopard Affair. W.E. Apgar **414**, 1150. **416**, 1525.
Allen, William H.: Butler, H.R. Lieut., William Howard Allen, USN **179**, 49.
Allendorfer, H.C.: Round-Shot to Rockets **560**, 1159.
Allendorfer, H.C., Jr.: Current Fleet Operations (ProfNote) **683**, 134.
Allen's, Captain, Battle with English Barge. H.E. Dow **407**, 76.
Alley, C.R. **353**, 1049.
Alliance, Cruise in Search of the Jeannette. C.P. Perkins **35**, 701.
Alliance Diplomacy in Limited Wars. G.F. Eliot **770**, 52. **776**, 102.
Alliances: The Ties That Bind. A.J. Cottrell and S.L. Harrison **787**, 26. **790**, 101.
Alliance, 1781: See Cover Pictures--August 1955.
Alliance (U.S.) **302**, 289. **343**, 1208.
Favorite Ship of American Revolution. L.H. Bolander **415**, 1249.

Alliance With Spain, Future of Our. A.J. Cottrell **682**, 60.
Allied Intervention: Intervention in Russia (1918-1919). Sumner Shapiro **842**, 52. **846**, 97.
Allied Support: Lack of Support Could Make Navy Impotent in Mid-East War (C&D) **865**, 74.
Alligator (U.S. schooner) **432**, 190.
First Federal Submarine of Civil War. L.H. Bolander **424**, 845.
Allin, L.C.
Against All Enemies (Hanks) (C&D) **808**, 97.
Lieutenant Strain's Ordeal (OldNav) **852**, 83. **865**, 75.
Policy and the Political Geographer (Winters) (C&D) **810**, 97.
Seapower and Soviet Foreign Policy (Cox) (C&D) **803**, 96.
Soviet Canals (C&D) **785**, 102.
The Spirit of '76 (Glasow) **888**, 82.
Technology and the Military (Sandler) (C&D) **839**, 100.
Allison, Y.E.: Derelict (song) **160**, 2088.
Alloys
Aluminum **216**, 277. **220**, 957. **306**, 675.
High temperature **265**, 484.
Lautal **284**, 2140.
Manganese-nickel **292**, 704.
All Right! Go Home! William H. Tebbetts **630**, 874.
Ally to the South: the Peruvian Navy. John B. Ferris **627**, 535.
Allyn, Stan: Durable Dredge Pacific (Old Navy) **889**, 72.
Alma Mater
R. Hunt **127**, 755.
Second. C.L. Funnell **403**, 1231.
Almirante Brown (Arg.) **337**, 403.
Almirante Cochrane (Chilean battleship): Description **144**, 1625. **150**, 493.
Almirante Grau (Peruvian cruiser): Launched; description **118**, 727.
Almirante Latorre (Chilean battleship) **337**, 403.
Description **144**, 1625. **150**, 493.
Illustration **145**, 365. **150**, 494.
Three Names and Forty-Eight Years **684**, 99.
Almirante Lynch (Chilean destroyer): Illustration, plans **147**, 1729.
Alphonso XIII (Spanish battleship): Description **135**, 890.
Description-plan. **145**, 390.
Alsace-Lorraine: The future of Alsace-Lorraine **178**, 3076.
Altemueller, G.F. **681**, 103.
Altendolo (RIN) **346**, 1717.
Altimeters: See also Instruments-Aircraft **314**, 341.
Absolute Altimere. J.T. Hayward **442**, 1740.
Thumb Rules for Altimeter Corrections. F.J. Nelson **369**, 1573.
Altimetry: Radar Altimetry in Polar Regions (C&D) **796**, 108.
Altitude and Azimuth
See also: Nautical astronomy; navigation; time and longitude.
Aquino, R. de
Altitude and Azimuth tables **128**, 1299.
Determination of a fix from two lines of position (tables) **147**, 1031.
Nomograms for finding altitude and azimuth **126**, 633.
On Marvell's "Development of the method of finding a line of position." **145**, 221.
Bloch, C.C.: On Marvell's "Development of the method of finding line of position." **145**, 229.
Clements, A.B.
Log chip for sea horizon in fog **189**, 2603.
New method of using altitude and azimuth tables to find ship's position **184**, 1269.
Fenner, E.B.
Diagram for graphical correction for ex-meridian altitudes **179**, 53.
On Marvell's "Development of the method of finding a line of position." **145**, 228.
Fiske, B.A.: Navigating without horizon **123**, 955.
Goodwin, H.B.
The geometry of the Marcq position lines **145**, 223.
On a simplified method of finding the equation altitudes **124**, 1509.
Short method of calculating the zenith distance **141**, 117.
Hoff, A.B.: Review of R. de Aquino's "Tables," 2nd ed. **143**, 1176.
Laning, Harris. Searle's method of finding a ship's position **147**, 1053.
Littlehales, G.W.
Altitude, azimuth and hourangle diagram **177**, 2541.
Finding the azimuth for determining the Sumner line **170**, 759.
Sumner line and compass error deduced by inspection **108**, 953.
Logan, G.W.
The azimuth diagram **128**, 1253.
On Marvell's Development of the method of finding line of position **145**, 223.
On omitting the seconds in navigational sights **148**, 1554.
London, John J.: Easy method of bringing the star down to the horizon **159**, 1545.
McClung, E.R.: Weir's azimuth diagram **180**, 249.
McNeill, Malcolm: Sumner line by time-sight reduction **188**, 2351.
Magruder, T.P.: Note on computing altitude **130**, 570.
Marvell, G.R.: Development of the method of finding a line of position **145**, 211.
Mujica, A.P.: Calculating without logarithms...the altitude...and azimuth **148**, 1557.
Oliver, F.L.: A telescopic azimuth circle **170**, 746.
Perrill, H.P.: On Marvell's "Development of method of finding line of position." **146**, 829.
Pesci, Guisseppi: Notes on the solution of the triangle of position without trigonometrical computation. Tr. by F.W. Morrison **134**, 529.
Pryor, F.D.: A "wrinkle" to save time in navigation **191**, 41.
Riddle, W.K.: On Marvell's "Development of method of finding line of position." **145**, 230.
Rust, Armistead
Notes on azimuth and hour angle **107**, 725.
On Marvell's "Development of method of finding line of position." **146**, 819.
Schuyler, G.L.: Mathematical justification for omitting the seconds in navigational sights **148**, 1551.
Snyder, C.P.: On "Geometry of Marcq position lines." **145**, 247.
Sparrow, H.G.: On Marvell's "Development of the method of finding line of position." **145**, 227.
Altitude corrections: Azimuth and Altitude Correction Nomogram (C&D) **797**, 107.
Altmark (Germany) **462**, 1149.
Alton (U.S.): See: Chicago
Aluminaut (U.S.): Deep Diving Submarine (ProfNote). Anthony Harrigan **709**, 132.
Aluminum
Alloys **216**, 277. **220**, 957. **306**, 675.
Boats for the Navy **69**, 211.
Boiler tubes **323**, 64.
Bronze for Heavy Guns. A.H. Cowles **43**, 601. **44**, 235.
Characteristics and uses of aluminum alloys. H.N. Wallin and F.B. Olcott **306**, 675.
Grate bars **269**, 1276.
J.D. Thompson **472**, 841.
Notes on Yacht Defender. Use of Aluminum in Marine Construction. R.P. Hobson **82**, 249.
Properties **201**, 1928. **220**, 957.
Use in Construction. Discussion **84**, 746.
Welding **213**, 1858. **278**, 760.
Alvarez, Everett, Jr.: Sound: A POW's Weapon (ProfNote) **882**, 91.
Alverson, D.L.: Fishing Vessels Around the World (Pictorial) **695**, 98.
Alvey, A.A. **684**, 101.
Alvin (U.S.): Research Submarine Alvin. E.S. Allen (ProfNote) **734**, 138.
Alvis, H.J. **677**, 103.
Medical Battle Bills **489**, 1461.
Alvise Cadamosto (RIN) **339**, 680.
Always the Sea. Robert B. Carney **627**, 497.
Alwyn USS: Description **151**, 866.
Alzamora, J.R. **352**, 903.
Amagi (HIJMS) **251**, 110.
Amalfi (Italian Cruiser)
Description **126**, 718.
Torpedoed and sunk **158**, 1371.
Trials **133**, 279.
Amalgamation
Amalgamation and specialists vs. corps. J.O. Fisher **222**, 1209. **229**, 440.
Army-Navy fusion a mistake. J.M. Scammell **256**, 999.
as affecting civil engineer corps. P.J. Searles **226**, 1869.
Back to normalcy. O. Smith **250**, 2030.
N.H. Goss **216**, 231. **219**, 731.
of Corps. See: U.S. Navy. Personnel.
Proposed amalgamation bill. C.W. Fisher **244**, 919. **245**, 1157. **246**, 1326.
Specialization vs. amalgamation. S.J. Ziegler, Jr. **221**, 1073.
Amanullah Abandons Fight for Throne of Afghanistan **317**, 650.
Amazon (HMS) **335**, 128. **397**, 337.
Amazon Basin, Herndon, Maury, and the. J.P. Reddick, Jr. **817**, 56. **829**, 109.
Amazon Class (Great Britain) **875**, 80.
Amazon (SS): Torpedoed **185**, 1676.
Amazone (French) **349**, 431. **350**, 616.
Ambassador, You Are an. C.F. Duggins **663**, 51.
Ambuscade (HMS) **335**, 128. **337**, 397.
Amelia Island: Calkind, C.G. Piracy in the West Indies **140**, 1210.
America
Renewing Faith in (C&D) **845**, 83.
The Sea in the Making of. C.G. Reynolds **881**, 36. **887**, 88.
(Transatlantic aeroplane): Launched; description **152**, 1243.
America (C.S.) **237**, 2011. **329**, 672.
America (SS) **243**, 686. **348**, 292. **356**, 1531.
América (U.S.) **428**, 1425.
First line-of-battleship. E. Snow **303**, 377.
Information re **306**, 730. **309**, 1032.
Luce, S.B.: Letter to R.W. Neeser regarding the. **127**, 1049.
Meany, W.B.: Letters regarding the **142**, 748.
Neeser, R.W.: True story of the. **126**, 573, 1313.
Sinks at Pier **189**, 2673.
U.S. Schooner Yacht America (OldNav).

America (U.S.) (Cont.)
J.C. Bruzek **775**, 159. **779**, 100.
America (U.S. Yacht) **403**, 1321.
Taps for Famous Beauty of Navy. R. White **447**, 701. **449**, 1019. **453**, 1679.
Yacht America. R.R. Duval **351**, 732. **355**, 1353.
American
diplomacy in far east. C.B. Mayo **347**, 57.
-Flag Merchant Marine Mite. E.B. Perry (ProfNote) **770**, 140.
foreign trade and American merchant marine. F.J. Cleary **335**, 91.
Harbor Defenses: Final Era (Pictorial). D.P. Kirchner and E.R. Lewis **779**, 84. **783**, 106. **784**, 114. **789**, 108.
Historical Association: $250 military history prize offer **199**, 1652.
Imperialism: Navies in War and in Peace (Part 10). S.G. Gorshkov **860**, 56.
Institute of shipping **334**, 1141.
interests in West Indies. E. Colby **338**, 468.
Legion: National affairs **303**, 438.
Meteorological Society **205**, 485.
Military Institute **437**, 1085.
Nationals in China. R.C. Smith, Jr. **334**, 1097.
Naval Thought: Professionals: 1920-1940. J.R. Collier **848**, 77.
political system: AnAbsence of Accountability. R.L. Beavers **875**, 18. **878**, 81.
Seaman, The Emancipated, Aggravated, Indispensable. J.W. McCurdy **795**, 58.
society of naval engineers: Banquet **290**, 518.
"American Black Chamber" arouses Japan **344**, 1414.
American Bureau of Shipping
ABS Rules Show New Trends (Notebook) **788**, 158.
and Commercial Submarines. Andrew Neilson (ProfNote) **787**, 133.
Rules on Drilling Rig (Notebook) **792**, 156.
American Clipper (airplane) **355**, 1383.
American Revolution
Battle of Ushant--and After. James Maps **733**, 80.
Battle of Valcour Island (OldNav). A.E. Gilligan **776**, 157. **783**, 111.
Captain Jeremiah O'Brien and the Machias Liberty (OldNav). M.D. Giambattista **804**, 85.
The Fleet That Failed. David Syrett **872**, 66.
Rathbun's Raid on Nassau. F.H. Rathbun **813**, 40.
Americanism
Gage and Measure. A.A. Ageton **578**, 347.
Ideological Responsibility. S.T. De La Mater, Jr. **712**, 59.
Americans, We Are All. R.J. Toner **683**, 23.
America's Merchant Marine of the Air. W.H. Hessler **675**, 48.
America's Moment of Truth. Ralph E. Williams **625**, 245.
Americo Vespucio--Pioneer Celo-Navigator and Geographer. F.J. Pohl and L.B. Loeb **650**, 396.
Amerigo-Vespucci (RIN) **342**, 1110.
Amerika (motorship) **327**, 445.
Amerine, Wayne (artist): Flight deck action "Rough Ride"--September 1971 Cover.
Ames, Howard E.
Higher physical, moral and intellectual standard for naval personnel **109**, 31.
Letter regarding Stretcher for Wounded **100**, 747.
On promotion, present and prospective **114**, 446.
Proposed new health record **113**, 126.
Amethyst (HMS): First British turbine cruiser; description **108**, 977.
Amiable USS (1782): See: **148**, 1461.
Amiral Duperre, The Gun of the. A. Gleaves. (Translation) **49**, 392.
Amme, C.H., Jr. **599**, 87. **612**, 214. **615**, 577. **619**, 1043. **633**, 1267. **691**, 108. **698**, 117.
Book Review **759**, 132.
Changing Nature of Power **721**, 27.
Conditional Surrender or Unlimited Destruction **640**, 585.
Crisis of Confidence **733**, 26.
Due North (anecdote) **679**, 66.
GCA: Sight without Eyes **591**, 511.
MLF: New NATO Sword? (C&D) **737**, 111.
NATO Strategy and Flexible Response **771**, 58.
Naval Strategy and the New Frontier **709**, 23.
Not So Gentle Art of Navigation 175 Years Ago **619**, 1023.
Nuclear Control and the Multilateral Force **746**, 24.
Political Trends in Former French Territories of Black Africa **714**, 35.
Professionalism and Writing (Brezina) **815**, 84.
Psychological Effects of Nuclear Weapons **686**, 27.
Seapower and the Superpowers **788**, 26.
Seapower and the Superpowers (Amme) (C&D) **794**, 118. **799**, 100.
Sign of Progress (anecdote) **635**, 17.
Soviet Naval Strategy (Book Review) (C&D) **790**, 102.
Strategic Importance of Military Air Transport **579**, 457.
U.S. Navy at Opening of Kiel Canal (OldNav) **660**, 154.
Word from the Boss (anecdote) **586**, 1309.
Ammen, Daniel: The Purposes of a Navy, etc. **7**, 119.
Ammen USS **258**, 1344.
Collision with SS Frasch **173**, 1509.
Ammerman, Neil: Natural Phenomenon (anecdote) **665**, 45.
Ammi Pontoons **819**, 176.
See Operation Seafloat
Ammon, W.B.
Fijian Adventure **408**, 224.
The Way of You American Navy Officers **394**, 1800.
Ammonal: Description **101**, 145.
Ammunition
Canister. United States Army **100**, 783.
Cart Constructed for the Ordnance Department. W.W. Kimball **57**, 51.
Cordite **91**, 704.
Cost of ammunition expended at Manila Bay and Santiago **102**, 387.
Defective small arms ammunition in U.S. Army, 1917 **176**, 2313.
Disposal Unit: Lesson of ADU. F.I. Winant, Jr. **547**, 1067.
Fuzes: Krupp's Improved Ruze **98**, 408.
Powder Bags: Bags Woven from Smokeless Powder Threads **98**, 408.
Powder Case: Noble Patent **98**, 408.
Primers: Combination Primers in Europe **97**, 192.
Primers: Combination Primer in United States Navy **98**, 408.
Rifle ammunition **185**, 1570.
Schneider-Canet Quick-firing **85**, 133.
Shrapnel
German Model (New) **98**, 407.
in South Africa **98**, 407.
Stowage of larger calibers of fixed ammunition. A.G. Howe **105**, 217.
Ammunition--Shells
See also: Illuminating shells.
Armor-piercing Shell for British Navy **100**, 783.
Armor-piercing Shot, The Johnson Cast Steel. R.D. Tisdale **69**, 67.
Bernay, H.: Projectiles for naval guns. Tr. by P.R. Alger, with comments **130**, 533.
British anti-dirigible projectile, 1913 **149**, 254.
Capped projectiles **103**, 689.
Capped Shell, Staunton Type **98**, 406.
Caps for armor-piercing projectiles **151**, 885.
Davis armour-piercing shell **101**, 135.
Experimental firings at the Jena, 1909 **129**, 313.
French naval shells, 1902 **104**, 994.
Gas Checks for Projectiles **98**, 407.
German heavy shells, 1912 **141**, 347.
Hadfield cast steel projectiles, 1912 **144**, 1670.
Hammon projectile **155**, 208.
Isham Shell, Appropriation for Purchase **98**, 413.
Isham compartment shell **148**, 1765.
Japanese High-explosive Shell **97**, 192.
Krupp Capped Projectiles **97**, 192.
Luminous and Smoke Shell **100**, 784.
Lyddite Shell
in South Africa **100**, 783.
Okehampton Accident **100**, 783.
Maximite Shell Test against Armor **98**, 426.
Melinite Shells **79**, 691.
Multi-shot device **103**, 687.
New French projectile, 1912 **142**, 783.
New Howitzer shell, 1910 **135**, 901, 903.
Non-ricochet shell **181**, 624.
Piercing vs. explosive shells **156**, 560.
Projectile tests in firing at the Jena **133**, 287.
R.A. Commandant. Projectiles containing explosives. Tr. by C.E. Munroe **170**, 365.
Royal (English) South African War Commission's statement on use of shells in field war **112**, 889.
Shell in South Africa **98**, 407.
Staunton Capped Shell **98**, 406.
Steel Shells from steel castings **182**, 854.
Tests of shells firing at the Jena **132**, 1300.
The double report projectiles **151**, 886.
The 75-mile shell **185**, 1587.
Torpedo shells a failure, 1905 **116**, 1014.
U.S. and British firms compete for U.S. Navy shell contracts, 1917 **168**, 389.
U.S. Navy shells, 1917 **169**, 589.
Ammunition Ships (U.S.)
First U.S. **167**, 145.
Suribachi (AE-21) (New Navy). J.T. Henrizi **714**, 152.
Ammunition--Small Arms
See also: Explosives; Fuses; Powder bags.
French 1905 Army bullet **117**, 363.
French 1906, D. bullet, description **118**, 733.
German "S" bullet, 1906 **118**, 733.
New British small arm ammunition, 1911 **138**, 655.
New pointed bullet, 1907 **123**, 1316.
1906 Ammunition for U.S., 1903 Rifle **125**, 354.
Amnesty for draft evaders and deserters: They Are Not Heroes. R.L. Beavers **842**, 46.
Amphibious Assault, Ancient. E.K. Thompson **527**, 38.
Amphibious Assault Ships
Guam (LPH-9) (Pictorial) **756**, 84.
Iwo Jima (LPH-2) (New Navy) **729**, 162.
Tarawa (LHA-1) **852**, 116.

Tomorrow's Fleet. J.D. Alden **887**, 120.
Amphibious assault support: Combat Stevedores. F.S. Virden (ProfNote) **835**, 106.
Amphibious assault training: TACRON Eleven, "T" as in "Terrible." C.R. Pursley **810**, 46.
Amphibious command ship: USS Mount Whitney (LCC-20). A.S. Miller (ProfNote) **897**, 106.
Amphibious force flagships: Blue Ridge (AGC-19). H.B. Price (ProfNote) **784**, 133.
Amphibious Forces
The Amphibious Force: A Ready Political Instrument. W.F. Mellin, Jr. **894**, 40.
The Future of U.S. Amphibious Forces, A View from the Hill (C&D) **897**, 71.
Amphibious Landings
Kiska Dry-Run. C.M. Blackford, III **769**, 56.
60-Knot Landing Force. M.J. Hanley **769**, 45. **774**, 103.
Amphibious Operations
Amphibious Forces: The Turning Point. E.J. Miller and W.D. Toole, Jr. **861**, 26.
Beachhead 1715. Friedrich Ruge **766**, 50.
Beachmasters
Amphibious Combat Traffic Cops. D.W. Orahood (ProfNote) **763**, 140.
Amphibious Traffic Cops (C&D) **767**, 98.
HMS Centaur at Dar es Salaam. D.K. Hankinson **801**, 57. **806**, 101.
Naval Forces in River War. V.J. Croizat **764**, 52.
Observations: Steel Pike and Silver Lance. J.B. Soper **753**, 46.
Sea-based Landing Force Operations. L.F. Snowden and M.N. Carter (ProfNote) **837**, 105.
Amphibious task force: V/STOL: New Force for the Amphibious Task Force (C&D) **815**, 79.
Amphibious techniques: Armor Afloat in Vietnam. R.M. Winter (ProfNote) **789**, 132.
Amphibious training: Exercise Sea Wall. Kenneth Dodson (ProfNote) **711**, 145.
Amphibious Transport Dock (U.S.)
LPD Raleigh Departs for First Cruise (Notebook) **722**, 156.
Raleigh (LPD-1) (Pictorial) **731**, 84.
Amphibious Warfare
Amphibious Assault--Fast, Flexible, and Powerful. D.S. Bill, Jr. **716**, 47. **727**, 99.
During the Next Decade. J.S. McCain, Jr. **719**, 105.
Forces in Europe and the Soviet Union. G.R. Villar (ProfNote) **897**, 112.
Is [it] Dead? Nicholas A. Canzona **631**, 987.
MacArthur's Amphibious Navy (Pictorial) **799**, 88.
Naval Amphibious Landmarks. G.C. Dyer **762**, 50.
Orders Firm But Flexible. H.A. Hadd **716**, 81. **727**, 96.
Pete Ellis: Amphibious Warfare Prophet. J.J. Reber **897**, 53.
Ready-Amphibious-Marine. L.H. Wilson, Jr. **897**, 18.
Tarawa: The Tide that Failed. P.L. McKiernan **708**, 38. **715**, 105, 106.
Target: Iwo. R.D. Heinl, Jr. **725**, 70. **729**, 102.
To the Limit of Our Vision and Back. R.E. Cushman, Jr. (NavRev) **855**, 108. **859**, 92.
V/STOL, New Force for the Amphibious Task Force. H.C. Boschen, Jr. **809**, 46. **815**, 79.
Amphion HMS **351**, 765. **354**, 1221. **355**, 1370. **356**, 1523. **357**, 1674.
Account of the sinking of. **153**, 1567.
Launched; description **141**, 323.
Amphitrite (France) **350**, 617. **353**, 1074. **354**, 1224.
Amphitrite USS
Collision with SS Manchuria **173**, 1507.
From Fighting Ship to Floating Hotel. A. Halsey, Jr. **481**, 383.
Amtorg Trading Company (Int. Notes) **331**, 876.
Amundsen **232**, 1041. **247**, 1574. **251**, 130. **252**, 315.
Amusements: See: Athletics and amusements.
Amyot, L.B. **581**, 763.
Anable, Anthony: Nursery Rhymes Afloat (anecdote) **698**, 69.
Analysis of air menace. R.C. Parker **351**, 649. **355**, 1349.
Analysts: Whiz Kids of Our Own. J.T. Howe (C&D) **738**, 120, 121.
Anania, V.J.: NROTC--42 Years of Service. (ProfNote) **799**, 141.
Ancell, R.M., Jr.: Grand Admiral Karl Doenitz: Reflections at 80 (ProfNote) **841**, 120. **847**, 99.
Anchor Chain **382**, 1801.
Evolution and Introduction of Chain Cables. R.P. MacHatton **445**, 361.
Anchor, Kedge **395**, 73.
Anchoring
Diagrams. O.L. Downes **371**, 73.
Ships on High Seas. H.R. Seiwell **454**, 1733.
Solution, Speeding. R.T. Boehm **609**, 1233.
Three-Point Anchoring in the Deep Ocean. E.D. Bronson (ProfNote) **864**, 100.
Anchors
British ships lose anchors through careless mooring **129**, 204.
The Centurion's anchor, Illus. C.A. Gove **158**, 1157.
Constitution's escape **291**, 623.
Has Your Anchor Been Showing Lately? W.B. Hayler **574**, 1361.
Historic. G. Rawson **620**, 1142.
History of anchors **103**, 691.
Notes on ground tackle. A.S. Dysart **303**, 372.
Origin of anchor watch **310**, 13.
Poor Man's Tugboat. R.J. Woodaman **603**, 515.
A popular stockless anchor, illus. **157**, 961.
Slipped, Method of Recovering. R.E. Engle **590**, 414. **600**, 203.
Swinging Ship at. A.F. Converse **475**, 1223. **480**, 253.
Use of Anchors in Maneuvering. C.J. Plummer **469**, 388.
Anchors and Anchoring
Down the Chain Pipe. Bruce Sunderland (ProfNote) **801**, 149. **805**, 91.
Ship Anchor Chains Tangle, But Not U.S./Soviet Crews (Notebook) **847**, 120.
"Anchor's Aweigh" **392**, 1483, 1488.
Ancient Mystery of Naval Construction **362**, 573.
Ancient Overseas Campaign. W.C.I. Stiles **301**, 201.
Ancona SS
The Ancona disaster **160**, 2120.
U.S. Note to Austria on Ancona case **161**, 284.
Andersen, K.A.: Lead Kindly Light **578**, 405.
Anderson, A.B. **387**, 720. **390**, 1167.
Anderson, A.T. **657**, 1240.
Anderson, Bern **566**, 439. **574**, 1372. **615**, 576. **653**, 782. **662**, 114.
Biography (SecNotes) **358**, 1846.
Career of Captain George Vancouver **427**, 1304.
Development of Manchuria **363**, 649.
High Commissioner to Turkey **647**, 17. **650**, 441.
Impact of Rapid Communications on Employment of Naval Forces **585**, 1157.
Influence of Public Opinion upon War **377**, 961.
Modern Concept of Strategy **537**, 1329.
Protection of Commerce in War **594**, 881.
Rigid airships and weather **260**, 1629.
Russia's New Kind of War **573**, 1171.
Study of Tropical Hurricane **372**, 183. **377**, 986, 988.
Treaty Rights in China **366**, 1107.
Anderson, D.R.: Early Command--Who Wants It? (C&D) **781**, 105.
Anderson, D.W.: Four Bells and a Jingle (anecdote) **662**, 79.
Anderson, E.A.: Abortive Duel on Hicacal Point. D.W. Knox **547**, 1081.
Anderson, E.G.: Gunboats in the Desert (Parnell) (C&D) **793**, 103.
Anderson, F.B.: The Coast Signal System **92**, 727.
Anderson, Frank J.: Maury and the Russian Grand Duke (OldNav) **834**, 68.
Anderson, G.W.
Commentary on Gorshkov article (Part 7) **857**, 62.
The Marines: Now and in the Future (Simmons) (C&D) **875**, 70.
Tridens Infinitus **726**, 22.
Anderson, G.W., Jr.
See also: Cover Pictures--January 1963.
Art, Science, and Innocence Involved in Becoming CNO. J.H. Horrocks, Jr. **803**, 18. **808**, 104. **810**, 101.
Navy of 1973 **719**, 22.
Anderson, J.B.: Electric weather map **341**, 980.
Anderson, J.R.: North Atlantic Defense College (ProfNote) **728**, 153.
Anderson, L.E., Jr. **619**, 1041.
Anderson, Lesley B.: Notes on Alternating currents **197**, 1171.
Anderson, P.L. **683**, 109.
Weak Link **678**, 56.
Anderson, R.M.: Navy Ration (OldNav) **758**, 186.
Anderson, R.W.: Kearsarge--Fifty-six Years and Three Careers (OldNav) **683**, 102.
Anderson, S.
Guns allowed aircraft carriers **291**, 539.
Indirect fire for naval guns **215**, 61.
Is Hong Kong limited by Washington treaty? **282**, 1513.
Limitation of naval armament **277**, 427.
Anderson, S.J.: Following Instructions to the Letter (anec.) **668**, 70. **719**, 111.
Anderson, W.C.: Dreams of Glory (anecdote) **674**, 72.
Anderson, W.L.: Not Scared at All (anecdote) **538**, 1443.
Anderson, W.R.: Voyage That Was Made **660**, 65.
Anderson, W.S. **278**, 799. **280**, 1171. **288**, 239. **356**, 1486. **590**, 436. **639**, 544.
Chester William Nimitz, 1885-1966 (C&D) **764**, 126.
Strategy and Logistics of the Dardanelles Campaign **245**, 1127.
Submarines and Disarmament Conferences **287**, 50.
Supervisor of New York Harbor **329**, 575.
Technology and Bargaining in Anglo-American Naval Relations: 1938-1946 (Leutze) (C&D) **894**, 70.
Andrade, Ernest, Jr.: [O'Connor's] Book Review on Naval Policy Between the Wars (Roskill) (C&D) **798**, 106.
Andre, J.: Dorchester Regiment. E.S. Carmick **554**, 427.
Andrea Doria (Italian battleship)

Andrea Doria (Italian battleship) (Cont.)
See: There Must Have Been a Third Ships. J.C. Carrothers.
Description; plans **146**, 858.
Andrea Doria (U.S.) **396**, 249.
Andrea Doria-Stockholm Disaster: See: Carrothers, J.C. Uneasy Lies the Head That Wears a Crown. See also: **822**, 26.
Andrea Doria: Soldier of the Sea. Brown Taylor **823**, 47.
Andreali, D.A.: Lesson in Humility (anecdote) **703**, 140.
Andree, S.A. **244**, 940.
Andrei Pervozvannui (Russian battleship): Launched; description **120**, 1604. **451**, 1324.
Andreoli, D.G.: The Odd Ones (Pictorial) (C&D) **820**, 91.
Andres, S.M.
Depths of Ignorance (C&D) **787**, 110.
Dignity of the Individual (C&D) **822**, 98.
Andrew, Royal Navy's Oldest Submarine Ends Long Career (Notebook) **865**, 108.
Andrews: "Old Ironsides" campaign **284**, 1988. **296**, 1111.
Andrews, A.: Naval Personnel of Today **404**, 1402.
Andrews, E.F.
Look, Ma, No Bells! (anecdote) **680**, 39.
Perfect Squelch (anecdote) **576**, 155.
Andrews, F.A.: **698**, 118. **714**, 81.
Searching for the Thresher **735**, 68.
Tactical Development **662**, 65.
Andrews, Frank
Guerrilla Warfare at Sea (ProfNote) **702**, 129.
Indonesian Naval Academy (ProfNote) **725**, 141.
Andrews, G.A. **481**, 412.
Andrews, Harold **711**, 126.
and J.E. Oglesby. From Box Kites to Swept-back Wings (Pictorial) **699**, 103.
Book Review **732**, 116. **733**, 122.
Andrews, P. **237**, 2012.
Apprentice seaman guard **354**, 1166.
Keeping fit at Manzanillo **355**, 1314.
A System of Aiming Drill **77**, 79.
Andrews, Philip: On organization of ship's crews **131**, 945.
Anecdotes, Navy and Sea **848**, 138.
Angelika (Greek Transport): Torpedoed **166**, 2082.
Angell, Frank: Opposition to sane sport in American colleges **198**, 1369.
Angell, J.: Days at Naval Academy **293**, 824.
Angell, Norman: Letter regarding his attitude on the invasion of Belgium **155**, 235.
Angle, D.: Aircraft engines, 1,000-hp **255**, 840.
Anglia (British hospitalship): Loss of the Anglia **161**, 301.
Anglo-American Exposition: Plans, 1913, for holding exposition in 1914 **147**, 1368.
Anglo-German industrial conference **286**, 2632.
Angus, M.A.: Lady at the Helm (anecdote) **869**, 43.
Angwin, W.A. **477**, 1610.
Ankers, L. (Mrs. G.M.): No Women Allowed (anecdote) **588**, 179.
Anna (SS) **345**, 1576.
Annam (French transport): Torpedoed **173**, 1611.
Annapolis, Maryland
Bird's-eye View **392**, 1360, 1412. **417**, 1617.
Charm of old Annapolis. R.R. Duval **340**, 797.
Civil War Annapolis. L.H. Bolander **417**, 1612.
Engineering Experiment Station. A.P. Calvert **443**, 49.
Fort Severn: Battery at Windmill Point. R.R. Duval **364**, 843.
Guide to Annapolis Area **661**, 142.
Map, 1844 **392**, 1358.
Mother of Navy Men. A.A. Ageton **392**, 1499.
Naval Academy and Annapolis during Civil War 1861-1865. P.H. Magruder **510**, 909.
Naval Air Station. R.W. Murch **584**, 1069.
Naval Engineering Experiment Station (Pictorial Section). W.D. Leggett, Jr. **579**, 517.
Navy's First Aerodrome. Thomas Ray **824**, 34.
Plan of Annapolis. C.O. Paullin **305**, 569.
Radio station towers **247**, 1568.
Saint John's College **261**, 1890.
Sidelights on early history. H.A. Baldridge **305**, 555.
Walk through Annapolis in bygone days. P.H. Magruder **316**, 511.
Washington's visits to colonial Annapolis. H.A. Baldridge **300**, 90.
Annapolis Tercentenary **555**, 619
Stamp, original design **555**, 618.
Annapolis (U.S.)
See Incident at Mazatlán (OldNav).
Annapolis (AGMR-1) (New Navy). J.J. Rowan **747**, 172.
Annealing: Processes **249**, 1921.
Annexation: Texas and Hawaii **296**, 1151.
Annie Daly: Navy bumboat woman. W.H. MacWilliams **336**, 178.
Annual Address, 1888. S.B. Luce **44**, 1.
Annual naval appropriation bill. D. Potter **358**, 1723, 1802.
Annunciator, Baird's **38**, 446.
Anonymous
Food's Not Tasty, But at Least It's Rational (anecdote) **722**, 87.
He Knew His Subject Too Well (anecdote) **721**, 64.
That New Alphabet Again (anecdote) **658**, 1307.
Another navigation method. T.L. Gatch **344**, 1386.
ANSCOL
at Naval War College. T.A. Brown **517**, 433.
This is. E.S. Watson and S.M. Brown **513**, 1327.
Ansel, W.C.
Book Review **396**, 262. **400**, 871. **410**, 564. **454**, 1785.
Lessons from Gallipoli: Naval Gunfire in Support of Landings **353**, 1001.
Notes on Book Limitation (C&D) **412**, 870.
Overland Transport of German Ships During World War II (C&D) **631**, 1045. **643**, 999.
Staff Organization Afloat (C&D) **337**, 390.
Triumph at Taranto (C&D) **684**, 101.
Vanishing American Naval Officer C&D) **623**, 95.
Working Division (C&D) **375**, 689.
Ansel, Walter **623**, 95. **631**, 1045. **643**, 999.
Arrangement of Main and Secondary Batteries in Capital Ships (ProfNote) **411**, 749.
Anson, G.A. **382**, 1689.
Anson, George, Lord: "Fighting instructions." **143**, 1038.
Ansonia SS: Lost **185**, 1660.
Anstey, H.C.: Abstract of paper on internal combustion engines **130**, 603.
Antarctic--Arctic
Icebreakers South. E.A. McDonald **702**, 58.
White-Out--a Polar Weather Phenomenon. C.O. Fiske **643**, 955.
Antarctic aviation: "Hercules Unchained." W.S. Kosar **884**, 151.
Antarctic Exploration
Antarctica--White Continent of Promise. A.C. Miller, Jr. **714**, 45.
Argentine Observer to Operation Deep-Freeze 60. J.E. Rawson (ProfNote) **690**, 142.
Bellingshausen Sea Operation (Pictorial). E.A. McDonald **691**, 97.
Charting of an Unknown Land: the Antarctic Continent. Scot MacDonald **705**, 32.
Explorer That History Forgot. J.B. Penfold **502**, 1473.
First Landing at the Pole. J.E. Oglesby **657**, 1188.
Operation Deepfreeze Fits Out. G.J. Dufek and J.E. Oglesby **637**, 279.
Operation Deepfreeze: Seaborne Invasion of Antarctic (Pictorical) **649**, 301.
Southern Cruise by Two Navy Icebreakers. E. McDonald **550**, 1491. **555**, 590.
United States Navy and Polar Exploration. L.H. Roddis **476**, 1369. **478**, 1759.
Weddell Sea--Voyage to Nowhere. E.A. McDonald **658**, 1288.
Antarctic Regions
Evolution of Antarctic Logistics (Pictorial). H.M. Dater **763**, 98.
The Glacier in Antarctica. C.R. Gillett (ProfNote) **877**, 99.
R/V Hero--Assignment: Antarctic (Pictorial). W.R. Curtsinger **816**, 56.
U.S. Sailors to Build Solar Ray Towers at Soviet Antarctic Base (Notebook) **732**, 146.
Antarctic research: Exploring the Southern Seas in the USNS Eltanin (T-AGOR-8). D.J. Wright (ProfNote) **759**, 148.
Antarctic Research Program: Deep Freeze Diary, 1968. J.S. McNeely **805**, 50.
Antarctic, Territorial Claims in. C.O. Fiske and Mrs. C.O. Fiske **671**, 82.
Antarctica
Navy's Stake in. W.J. Cromie **788**, 36. **793**, 108.
Warm Relations in Deep Freeze. P.S. Havran (ProfNote) **682**, 130.
Antelope (H.M.S.M.) **318**, 718.
Antenna for Submarines, Satellite (Notebook) **783**, 142.
Anteo (Italian submarine salvage ship): Description, illustration **150**, 580.
Anthon, C.: Berlin Situation **614**, 385.
Anthony (HMS) **318**, 718. **326**, 340.
Anthony, J.F. **675**, 102.
Heavy vs. Light Jet Attack **670**, 92.
Anti-air Warfare
ASW vs. AAW, a Question of Direction. I.D.C. Pearson **805**, 64. **811**, 93.
System. Aegis. W.E. Meyer and Bart Dalla Mura (ProfNote) **888**, 93. **893**, 87.
Anti-Aircraft
cannon: Soviet Naval AA Cannon Persists in Missile Age. W.J. Farquharson (ProfNote) **860**, 109.
gun mounts, Table of shipboard **817**, 48.
guns. See: Guns (Antiaircraft).
training. Dam Neck, Me and My. P.D. Gallery **814**, 52. **821**, 93.
Anti-Ballistic Missiles
Case for. H.A. Crosby **773**, 26. **778**, 111.
defense system. After Vietnam. R.E. Williams, Jr. **806**, 18. **813**, 87.
defense system. Battle Management for Strategic Weapons Systems. R.L. Giddings, Jr. **815**, 49.
Anti-Ballistic Missile System

ABM Contracts to Be Let in 6 Months (Notebook) **778**, 151.
ABM: The High Cost of Living (C&D) **779**, 100. **781**, 109.
ABM: The High Cost of Living. D.M. Johnston, Jr. **776**, 26.
Anti-Communism, Ten Misconceptions of. J.A. Lukacs **675**, 64.
Anti-corrosive, Anti-fouling Compositions. F.M. Barber **33**, 331.
Antigua (SS) **348**, 292. **349**, 437. **356**, 1530.
Antilles: Strategic value of. **102**, 383.
Antilles (SS): Sinking of the Antilles **178**, 3025.
Anti-Military Feeling
Against All Enemies. R.J. Hanks **805**, 22. **808**, 97, 98, 99, 100. **809**, 89, 90, 91, 92, 93, 95, 96. **810**, 95, 96. **812**, 85. **813**, 81. **814**, 79, 80, 81.
The Military Image (C&D) **815**, 81. **818**, 91.
Anti-missile missile system: Anti-missile Net at Sea Proposed (Notebook) **776**, 153.
Antinoe (British): See I Will Not Abandon You. J.C. Carrothers.
Antiope (French) **350**, 616. **352**, 925. **354**, 1224.
Antiphone: "Antiphone" as ear protector during gunfire **130**, 595.
Antipodes Islands: Antipodes. C.W. Thomas **547**, 1121.
Anti-Ship Missile Defense (ASMD): LAMPS in the Gulf of Tonkin. H.E. Reichert (ProfNote) **841**, 115.
Antisubmarine
patrol: Saga of a Seagull. Bruce McCandless **651**, 515.
support carriers: Future of the "Second Segment". W.V. Whidden **741**, 76.
Antisubmarine Warfare **685**, 109.
See: Submarine warfare
Airborne Destroyers. W.G. Marshall **853**, 26. **857**, 83, 84. **859**, 102. **862**, 89.
Antisubmarine Pioneering. F.G. Reinicke (OldNav) **752**, 168.
An Approach to ASW. A.N. Glennon **739**, 48.
Arab-Israeli War: Those Storm-Beaten Ships, Upon Which the Arab Armies Never Looked. F.C. Miller **865**, 18. **874**, 76.
Arab nationalism: See: The Middle East. Robert Strausz-Hupé.
Arab oil: Politics of Oil in the Wake of Yom Kippur. W.L. Dowdy, III **857**, 23.
Arabia **279**, 1035. **291**, 597. **358**, 1814.
Arabia, King Ibn Saud of: Mission to Mecca: The Cruiser of the Murphy. J.S. Keating **875**, 54.
Arabia SS
The Arabia case **168**, 421.
Torpedoed **166**, 2081.
Arabian Sea, U.S. to Patrol (Notebook) **811**, 99.
Arabic SS: The Arabic case **159**, 1712, 2117. **162**, 639. **167**, 208.
Araby, By the Shores of: Persian Gulf Command. W.H. Hessler **644**, 1027.
Aragon HMS: Sunk **181**, 685.
Araldsen, O.P. **678**, 105.
Norwegian Defense Problems: Role of the Navy **668**, 38.
Soviet Union and the Arctic **772**, 48. **775**, 115.
Araucano (Chilean sub) **323**, 61. **337**, 403.
Arbitration
Armament by example and arbitration. E.S.R. Brandt **269**, 1152.
International. J.A. Kasson **81**, 69.
limitations of armament. In Fiske, B.A. Naval Power **139**, 711.
Pan-American Conference **306**, 715. **310**, 1109.
Security committee actions **329**, 664.
Arc lamps, New **215**, 116.
Arcadian (British transport): Loss of the Arcadian **172**, 1331.
Archaeology, maritime. See: Naval Literature.
Archaelogy: Ship Archaeology in the Aegean. Peter Throckmorton **742**, 60.
Archangel: Occupied by Allies, August 1918 **187**, 2243.
Archer CSS: Woods, R.H. Cruise of the Clarence-Tacony-Archer **131**, 675.
Archer, B.E.: Worlds Apart (Edelstein) (C&D) **847**, 82.
Archer, F.P. **578**, 427.
Archer, F.P., Sr.: That's Wrong, But Do It Again (anecdote) **649**, 284.
Archerfish (U.S.): Your Island Is Moving at 20 Knots! R.L. Underbrink **799**, 81. **803**, 98.
Archibald, W.S.
Highland Light--February 1962 Cover.
USCGC Taney on weather station--October 1962 Cover.
Archipelago doctrine: Indonesia's Archipelago Doctrine and Japan's Jugular. R.A. Miller **836**, 26. **847**, 94.
Architecture Navale. D.W. Taylor (Review) **55**, 600.
Arctic Alaskan Transportation. J.W. Moreau (NavRev) **807**, 98.
Arctic and Antarctic. Willis L. Tressler **633**, 1216.
Arctic Exploration
Arctic duty with the Crocker Land Expedition. Fitzhugh Green. Illus. **175**, 1941, 2193, 2457, 2799. **179**, 75.
Explorer That History Forgot. J.B. Penfold **502**, 1473.
Greely Relief Expedition, 1884. J.M. Merrill **583**, 969.
Greely, Victim of Amphibious Noncooperation. J.M. Ellicott **505**, 311.
Illustrations showing proposed methods of transit to the pole **151**, 936.
Modern Triumph in Northern Ice. W.J. Kiernan, Jr. **653**, 742.
Navy and Greely: Rescue of 1881-84 Arctic Expedition. D.G. Colwell **659**, 71.
Northwest Passage. Scot McDonald **718**, 49. **726**, 107.
Opening of the Arctic Ocean. J.T. Strong **704**, 58.
Significance of Nautilus Polar Cruise. R.D. McWethy **663**, 32.
Skate Breakthrough at the North Pole. W.H. Layman **679**, 32.
Skijump II. W.V. Kielhorn **620**, 1123.
The uncertainties of geographical position in polar exploration **132**, 1043.
Under the Polar Cap: A Voyage That Must Be Made. G.W. Kittredge **660**, 61.
United States Navy and Polar Exploration. L.H. Roddis **476**, 1369. **478**, 1759.
Voyage That Was Made. W.R. Anderson **660**, 65.
White Shelf: Study of Arctic Ice Jurisdiction. Ben Partridge **703**, 51. **711**, 115.
Arctic Ocean
Across the Top. V.F. Keith **810**, 60.
Arctic ASW. G.V. Brown **709**, 54.
Arctic Drift Stations. John Cadwalader **722**, 67.
Arctic Ocean. N.A. Ostenso (ProfNote) **735**, 136.
Coast Guard Ships Foiled in Arctic Passage (Notebook) **778**, 150.
Ice breakers: Russia Fights Another Cold War. R.L. Simons **619**, 959. **622**, 1393.
ice **462**, 1102.
The Never-Never Sea. Davidson Luehring (ProfNote) **798**, 142. **808**, 110.
Arctic Oceanography by Submarines. E.C. LaFond **691**, 90.
Arctic Passages of North America. Richard Boyle **791**, 48. **797**, 110.
Arctic Regions
Angels in the Snow: Search and Rescue in the Arctic. R.A.J. Ranieri (ProfNote) **851**, 103.
Coast Guard Icebreaker Sets Arctic Record (Notebook) **778**, 152.
The New Central Front. T.E. Descheneau **895**, 38. **897**, 71.
Peary and the North Pole: Not the Shadow of a Doubt. E.P. Stafford **826**, 44.
Ships of Ice. B.H. Shoemaker (ProfNote) **876**, 103. **883**, 80.
Soviet Strategic Interest in the Maritime Arctic. G.E. Synhorst (NavRev) **843**, 88.
Soviet Union and the Arctic. O.P. Araldsen **772**, 48. **775**, 115.
Strategic Significance of the Northern Sea Route. T.J. Laforest **778**, 56. **782**, 98.
Surveying the Eurasian Arctic. R.D. Wells **764**, 79.
Arctic Research Laboratory Ice Station (ARLIS). The T-3 Incident. C.O. Holmquist **835**, 44.
Arctic Research
Naval Arctic Research Laboratory. R.D. Wells **799**, 39.
Navy to Aid British Arctic Crossing (Notebook) **782**, 136.
Arctic Submarine. R.D. McWethy **595**, 955.
Arctic Submarine Material. C.H. Blair **679**, 39.
Arctic ASW. G.V. Brown **709**, 54.
ASW--Are We Missing the Boat? C.F. Flaherty (C&D) **756**, 112. **758**, 133. **760**, 118, 119. **766**, 135, 136.
ASW--Crucial Naval Challenge. R.H. Smith (NavRev) **831**, 126. **834**, 87.
ASW Effort. R.B. Cavanaugh (ProfNote) **732**, 140.
ASW and the Modern Submarine. S.E. Wright, Jr. **842**, 62. **846**, 93.
ASW Navy of the Seventies. J.W. Thach **719**, 57.
ASW--New Concepts **712**, 104. **721**, 106, 107.
ASW--Now Or Never. J.A. Winnefeld and C.H. Builder **823**, 18.
ASW Officer, "Jack of all Trades..." R.R. Mackie **828**, 34. **838**, 93. **839**, 94. **840**, 89.
ASW Role of Latin American Navies. E.F. Black (C&D) **766**, 127.
ASW: Some Surface Views. W.T. Bramlett, II (ProfNote) **878**, 99.
ASW vs. AAW, a Question of Direction. I.D.C. Pearson **805**, 64. **811**, 93.
ASW "Six-Pack". J.W. Skipper (ProfNote) **826**, 103.
Can We Really Afford Surface ASW Ships? R.J. Alexander (ProfNote) **858**, 107. **861**, 103. **862**, 73, 74, 75. **863**, 85.
Carrier ASW Pilot Motivation. J.J. Ortega (ProfNote) **786**, 144. **790**, 99.
The "CV:" Capable Vigilance or Continued Vulnerability. J.T. Coogan, Jr. (ProfNote) **829**, 117.
DASH Weapons System. E.A. Morgan (ProfNote) **719**, 150.
Dawn of ASW (Pictorial). J.E. Wise, Jr. **732**, 91.
Defense Against Nuclear-Powered Submarines. R.A. Weatherup **682**, 71. **692**, 113.

Antisubmarine Warfare (Cont.)
Defense Group ALFA. T.D. McGrath **678**, 49.
"DesRon Airedale, Arriving". A.D. Schatz (ProfNote) **895**, 115.
Destroyer Command: Critical ASW Subsystem. R.L. Brandenburg **737**, 36. **741**, 109, 110, 111.
Doctrine of Incremental Reduction. L.J. Holt **743**, 62.
FADAP. Seymour Dombroff **762**, 70. **765**, 126. **768**, 117.
First ASW Vessels. Anthony Preston (OldNav) **836**, 82.
Fleet ASW Training in Port. T.R.M. Emery (ProfNote) **689**, 146.
Future of the "Second Segment". W.V. Whidden **741**, 76.
Graduate Education Program for Operational ASW. O.A. Hahs and C.O. Wilde (ProfNote) **840**, 105.
Growing Role of the Submarine. E.W. Grenfell **719**, 49.
Guerrilla Warfare at Sea. Frank Andrews (ProfNote) **702**, 129.
Helicopter ASW (C&D) **845**, 83, 85.
Helicopters in Antisubmarine Warfare. W.L. Jensen **725**, 36.
Intercept Search (C&D) **800**, 119, 120.
Killing Nuclear Submarines. G.P. Steele **693**, 45. **695**, 101, 102. **697**, 113. **703**, 110. **706**, 108.
LAMPS in the Gulf of Tonkin. H.E. Reichert (ProfNote) **841**, 115.
National Insurance Policy, ASW Coverage. T.D. McGrath **783**, 46. **789**, 113.
NATO ASW Situation. D.D. Lewis **674**, 55.
Navies in War and in Peace. S.G. Gorshkov, Part 4 **854**, 46. **859**, 87, 88.
New Antisubmarine Weapon Systems. Seymour Dombroff (ProfNote) **701**, 125.
New ASW Fighter Squadron Formed (Notebook) **753**, 152.
New Partnership: Helicopter and Destroyer. W.W. Price, II (ProfNote) **820**, 99.
The Nuclear Submarine: Riding High. W.J. Ruhe **864**, 55. **869**, 82.
Oceanographic Predictions Through ASWEPS. R.J. Alexander (ProfNote) **708**, 145.
Oceanography and Naval Warfare. Charles Bishop **675**, 75.
Offensive ASW: Fundamental to Defense. A.L. Danis **652**, 583.
Quarterback for the Helo ASW Team. J.J.M. Curtis (ProfNote) **859**, 119.
Searching for Subs in the Atlantic. (Pict.) Barrett Gallagher **713**, 98.
Shallow Water Warfare in Northern Europe. Michael Salitter and Ulrich Weisser **889**, 36.
Small Boys and Whirly Birds. D.P. Ryan **804**, 26.
Some Aspects of ASW in the Royal Navy. J.D. Treacher (ProfNote) **764**, 152. **769**, 105.
Soviet ASW. J.C. Bussert (ProfNote) **834**, 112.
Submarine Defense. T.D. McGrath **701**, 37. **706**, 108. **708**, 109.
Tactical ASW
Let's Fight Fire With Fire. A. Van Saun (ProfNote) **886**, 99.
Let's Fight Fire With Fire (C&D) **889**, 80. **892**, 81. **896**, 68.
Thinking About Soviet ASW. Norman Polmar (NavRev) **879**, 108.
Unfaced Challenge, Submarine Versus Free World. J.D. Alden **734**, 26. **737**, 190. **738**, 112, 114.
United States Navy for the Future. R.H. Smith **817**, 18. **820**, 81, 82, 83, 85. **821**, 89, 90. **827**, 94. **829**, 102. **830**, 92, 93. **841**, 95.
What Happened to ASW? (Notebook) **748**, 150.
Antisubmarine Warfare Platform
The "Ideal" ASW Vehicle: A Modest Proposal (C&D) **877**, 126.
The "Ideal" ASW Vehicle: A Modest Proposal. A.W. Sear, Jr. (ProfNote) **863**, 104.
Antisubmarine warfare research: SACLANT ASW Research Center. Rudolf Schrader (ProfNote) **755**, 143.
Antisubmarine warfare--small ships: Little Ships With Long Arms. J.M. Waters, Jr. **750**, 74. **756**, 110, 111.
Antisubmarine Warfare Ship
See Cover Pictures--September 1963.
See also: New Navy. High Point (PCH-1).
Navy Hydrofoil is ASW Ship (Notebook) **726**, 136.
Wanted: An Effective ASW Ship **725**, 106. **732**, 109. **735**, 110, 112, 113. **739**, 116.
Anti-torpedo protection: See: Torpedo protection.
Antiwar sentiment: Deputies of Zeus: Morality and the Vietnam War. A.L. Wermuth **858**, 26. **861**, 92. **862**, 84.
Antrim (HMS): Trials **114**, 502.
Antonio Pigafella (RIM) **328**, 549.
Anzac (Australian DD) **344**, 1417.
Anzio Invasion, Naval Side of. F.J. Lowry **611**, 23.
ANZUS Pact: See: Treaties.
Aoba (HJJMS) **337**, 400.
Aorangi (motor ship) **271**, 1776.
Apache (U.S. CG) **385**, 450.
Apap, Antonio: TACAMO: New Airborne Weapons System and Warfare Specialty (ProfNote) **847**, 113.
Apartheid: Shadow Over South Africa. J.A. Rondeau **883**, 18. **886**, 86. **887**, 89. **888**, 74.
Apgar, W.E.
Last Cruise of U.S. Brig Argus **435**, 653.
Lorient **480**, 169.
William H. Allen and Chesapeake-Leopard Affair **414**, 1150. **416**, 1525.
Apia Hurricane of 1889. J.A.C. Gray **688**, 35. **693**, 105.
Appam (SS)
Awarded by prize court to British owners **165**, 1721. **170**, 878.
Captured by the Moewe **162**, 638.
Apple, R.E.: Blueprint for Material Readiness Index **735**, 78.
Applegate, T.M.: Red Carpet Treatment (anecdote) **795**, 49.
Appleton, D.S.: Damage Control: Before, Not After (Fischer) (C&D) **836**, 94.
Apprentice seaman guard. P. Andrews **354**, 1166.
Apprentices
Examination of Navy Yard. H.G. Beyer **94**, 341.
Naval. Training and Enlisting. R.D. Tisdale **78**, 265.
Approach omnimeter. S.E. Bray **232**, 965.
Appropriation Acts, Naval, Structure of. J.A. Furer **550**, 1517.
Appropriations and Expenditures
Command Money Management. R.T. Guyton **745**, 70. **753**, 118.
Defense Budget and Defense Program for Fiscal Years 1970-74. C.M. Clifford (NavRev) **807**, 356.
Defense Management: Navy's Position. J.B. Cline **743**, 43.
Defense Management Program. J.C. Wilson (ProfNote) **758**, 167.
Economics of Sea Power. J.J. Clark and F.A. Lees **762**, 40. **766**, 133.
Prime 69. D.H. Guinn **795**, 50, 130.
Statement of Secretary of Defense Before Senate Committee on Armed Services re Defense Budget. M.R. Laird (NavRev) **807**, 416.
Statement of Secretary of Defense Before Senate Subcommittee on Department of Defense Appropriations Amendments. M.R. Laird (NavRev) **807**, 442.
Statement of Secretary of Defense on Defense Budget. M.R. Laird (NavRev) **807**, 431.
Appropriations, naval: See: Navy. Program, under names of countries; U.S. Naval appropriations.
Apter, M.T.
The Airborne Destroyer (Marshall) (C&D) **857**, 84.
Secrecy in Government (Taylor) (C&D) **846**, 94.
Aptitude
Screening of Naval Recruits. H.J. Connery and R.R. Waite (ProfNote) **744**, 143.
Tests: Human Engineering in Navy. P.S. Lincoln **397**, 352. **400**, 866. **401**, 1031. **407**, 104.
Aqaba, Gulf of. M.W. Cagle **671**, 75. **674**, 107. **677**, 104.
Aquanauts
Home Port for Aquanauts (Notebook) **766**, 166.
Sealab I. Don Groves **744**, 64.
Sealab II. (Pictorial). T.N. Blockwick **760**, 100.
Aquidaban (Brazilian Battleship) **281**, 1382.
Fatal magazine explosion **117**, 327.
Aquila (Italian cruiser): Engagement with Austrian destroyers and aircraft **177**, 2733.
Aquino, Radler de **312**, 142. **327**, 466. **394**, 1847. **404**, 1473. **446**, 566. **468**, 249. **493**, 315. **503**, 81.
An All Log Tangent ± Log Secant Navigation Table **411**, 643, 714.
Altitude and Azimuth tables **128**, 1299.
Compensation of the compass and determination of the deviation without...azimuths. Tr. by L.H. Chandler **132**, 1223.
Determination of a fix from two lines of position. (Tables) **147**, 1031.
Fix from Altitude and Azimuth **406**, 1727. **409**, 398, 401.
Modern methods in sea and air navigation **287**, 17, 78. **288**, 189. **289**, 336. **290**, 456.
Nomograms for deducing altitude and azimuth and for star identification and...great circle sailing **126**, 633.
On Marvell's "Development of the method of finding a line of position." **145**, 221.
Sidereal or Mean Time Chronometers? **416**, 1430, 1469.
"Wrinkles" in plane chart methods **150**, 413.
Aquino, Radler de, tr.: Pesci, Guiseppi. A nomogram for compass deviations **136**, 1043.
Aquitania (SS) **228**, 300. **411**, 633.
Collides with USS Shaw **189**, 2671, 2863.
Arctic Trial Operations
Northern Proving Grounds. E. Pinkowski **533**, 813.
Operation Frostbite--Strategic Success. E.B. Salsig **523**, 1199.
Arctic **328**, 553.
Disaster: Maury's Motivation. A.C. Brown **779**, 78.
Arctic Water Jurisdiction Rights, U.S. Warns Canada on (Notebook) **810**, 132.
ARD-1, the Pioneer. John Alden **773**, 70.

Ardent (HMS) 318, 718.
Ardois System, Brief Description. A.P. Niblack 58, 253.
Are There Any Sailors in the Navy? A.F. Loomis 355, 1267. 357, 1688. 358, 1795, 1844.
Are We Raising a Frankenstein? F. Jansen 335, 379. 107, 598.
Are You Worth It? W.E. Brown 274, 2328.
Areas and Volumes; formulae for
On the approximate formulae for areas and volumes and their comparative accuracy. W.W. Johnson 131, 759.
On Weddle's rule, and some new approximate formulae for areas 139, 871.
Arenberg, M.H.: Book Review of Soviet Naval Strategy (Herrick) (C&D) 792, 115.
Arentzen, E.S.: Landing Ship, Dock (New-Nav) 673, 144.
Arethusa (HMS) 351, 765. 354, 1221. 355, 1370. 356, 1523.
Launched; description 148, 1741.
Sunk by mine 162, 652, 1048.
Argentina
A.T. Beauregard 457, 313.
Buenos Aires Exhibition 333, 1045.
Domestic Affairs 333, 1052. 347, 141. 341, 988. 354, 1209.
Foreign relations 321, 1007. 334, 1156. 342, 1131.
Opposition between Argentina and Brazil. E. Gil 250, 2126.
Argentina—Air Force: Single-Engined Flight to South Pole (Notebook) 756, 152.
Argentina—Navy 232, 1058. 286, 2573. 297, 1233. 337, 403. 343, 1263.
Argentine naval review 8 July 1916 164, 1268.
Argentine Navy (Pictorial). C.E. Zartmann 689, 82.
Program: 1905: 115, 740. 1907: 121, 387. 1909: 130, 571. 132, 1270. 1910: 133, 268. 1913: 144, 1621.
Vessels building, 1902: 101, 89. 1903: 106, 445. 1910: 135, 857. 1911: 137, 277. 1914: 149, 189. 150, 489. 151, 826. 1915: 155, 178.
See also: Names of ships.
Argentine Navy to Get Helicopters From British (Notebook) 814, 106.
Argonaut (British cruiser): His Majesty's "Unsinkable" Ship. A. Halsey, Jr. 525, 1437.
Argonaut, Lake's submarine 455, 76.
Argonaut (USS) 338, 536. 354, 1219.
USS Argonaut and HMCS Rainbow. J.K. Mason 871, 85.
Argonauta (Italy) 339, 681. 355, 1374.
Arguello, Point [Honda Point]: See: Course Zero Nine Five.
Argus (HMS) 348, 212. 353, 1087. 356, 1524. 336, 264. 338, 551. 344, 1421.
Seaplane-carrying ship Argus 196, 1034.
Argus (USS) 480, 169.
1812: See: Farenholt, A. 128, 1279.
Last Cruise. W.E. Apgar 435, 653.
Ariadne (HMS): Loss of the Ariadne 175, 2127.
Ariane (French submarine): Torpedoed 174, 1874.
Arica, Peru: Tidal wave. J.K. Taussig 281, 1319. 283, 1792. 285, 2300.
Aries (British yacht): Torpedoed 174, 1874.
Aristides (U.S.): See: Cover pictures.
Arizona (BB-39) (U.S.)
Destruction of the Battle Line at Pearl Harbor. T.C. Hone 898, 49.
Keep the Arizona in Commission 664, 108.
Memorial 673, 101.
Proposed Arizona Memorial 662, 109.
Ships of the U.S. Navy, Illus. R.W. Neeser 157, 873.
Arkansas (C.S.): July Morning with Rebel Ram Arkansas. Paul Stevens and S.B. Coleman 713, 85.
Arkansas (U.S.) 391, 1318.
Arkansas (U.S. Monitor): Trials 103, 669.
Arkansas (USS)
Description 131, 977. 135, 895.
Description, trials 143, 1192.
Illustration 143, 829.
Launched; description 137, 308.
Ships of the U.S. Navy. R.W. Neeser 155, 20.
Ark Royal (British) 328, 544. 348, 207. 355, 1381. 357, 1675.
Carrier Undergoing Extensive Refit (Notebook) 786, 157.
H.M. Aircraft Carrier (ProfNote) 413, 1036. 430, 1813.
Ark Versus the U.S. Fleet 710, 103.
Arlington National Cemetery. C.A. Phillips 544, 733. 547, 1161.
Arlington Radio Station
Arlington talks to Paris, 1913 146, 887.
Arlington wireless station, 1911 139, 1071.
The station in 1912 144, 1687.
Armadale (British transport): Sunk by submarine 174, 1863.
Armament
See also: Guns, Navies; Torpedoes.
The armament of battleships, 1911 137, 339.
The armament of modern battleships, 1909 131, 998.
The Armament of our Ships of War. W.N. Jeffers 1, 105.
Armor vs. gun, 1912 104, 1148.
Battery plans of recent, 1907, battleships (various countries) 124, 1531.
British armament increase, 1909 130, 582.
British progress in war material in 1905 117, 360.
Changes in British cruiser armament 110, 462.
Changes in warship armament 106, 475.
The Combat Systems of Surface Warships. W.E. Meyer (NavRev) 891, 110.
Disposition of guns in dreadnoughts 140, 1453.
for the Navy, A Proposed. E. Simpson 16, 165.
of our Latest Warships, The 93, 223.
On gun distribution aboard modern battleships and its influence on naval tactics. By "An Officer." 122, 845.
On torpedo tubes in battleships
E.B. Barry 107, 556.
R.R. Belknap 107, 562.
L.H. Chandler 107, 563.
F.J. Drake 107, 553.
F.K. Hill 107, 560.
T.G. Roberts 107, 559.
Perfection of. In Daveluy, R. Genus of naval warfare 135, 770.
Progress of war material in 1904 113, 252. 1910: 137, 315.
Proposed armament for type battleship of U.S. Navy. H.C. Poundstone 106, 377.
New type of battleship. M.H. Signor 101, 1.
The race between gun and armour 135, 902.
reduction of. On armaments, 1913. Sir Edward Grey 150, 532.
Rz, E.V.: Gun distribution aboard modern battleships and its influence on naval tactics. Tr. by H.F. Bryan with comment by P.R. Alger and B.A. Fiske 121, 305.
Torpedo tubes in battleships. J.B. Murdock 107, 553.
War material. R.A. Hadfield 114, 525.
Arman, Jean-Lucien: See: Strange Career of the Stonewall.
Armando Diaz (Italian) 355, 1374. 346, 1717.
Armchairs for English Bluejackets 205, 446.
Armed Forces
Against All Enemies. R.J. Hanks 805, 22. 808, 97, 98, 99, 100. 809, 89, 90, 91, 92, 93, 95, 96. 810, 95, 96. 812, 85. 813, 81. 814, 79, 80, 81.
Care—Through CARE. Richard A. Shafter 630, 897.
East European Alliance System. R.F. Staar 739, 26.
Flaw in the Jewel. Reginald Hargreaves 647, 49.
Institute: USAFI Faces Impasse. D.H. Greene 515, 35.
The Military Image (C&D) 815, 81. 818, 91.
Staff College. E.R. McLean, Jr. 594, 833.
U.S.: Could We End the Draft Now? C.W. Tarr 832, 58.
Armed Guard
Navy Stepchildren. B.L. Britton 538, 1495. 584, 1103.
Officers, Multiple Duties of—Detached Command. F.R. Briggs, Jr. 489, 1469.
Armed Merchant Ships
Germany's 310, 1089, 1092.
Trade defense. H. Russell 280, 1250.
Armed Services
Legislation, 84th Congress. J.R. Blandford 644, 1129.
Legislation. John R. Blandford 632, 1180.
Role of the Services in Support of Foreign Policy. J.F. Holloway, Jr. (NavRev) 879, 66.
U.S. Hopes to Cut Draft (Notebook) 740, 135.
Armenia (U.S.) 411, 633.
Armenian (SS): Loss of the Armenian 158, 1352.
Armenian mandate 208, 985.
Ameria (U.S. lighthouse tender) aground, Cook Inlet, Alaska 413, 939.
Armistice (SS) 213, 1860.
Armistice
America's Responsibility to. F.H. Roberts 369, 1580.
days in Adriatic. R.S. Field 333, 961.
Armknecht, F.: Average naval officer 250, 2040.
Armknecht, R.F. 397, 410. 405, 1627. 409, 403. 415, 1320. 424, 896. 434, 580. 436, 883. 443, 106. 446, 570. 447, 722. 448, 874. 472, 859. 484, 877. 641, 763, 764. 658, 1346.
Indestructible Ship (anecdote) 621, 1225.
Navy Medicine: A New Prescription (Flynn) (C&D) 820, 92.
Retention: The High Cost of Leaving (Fredland) (C&D) 810, 107.
Retired Officer in Education 638, 401.
Seabee Timepiece (anecdote) 646, 1293.
Three Connoisseurs (anecdote) 643, 959.
Armor
and Heavy Ordnance. W.H. Jaques 80, 795.
Armstrong Nickel-Steel, 4-inch Plate, not Face-hardened, Trial 98, 410.
Armstrong 4-inch Non-cemented Plate for Lancaster 99, 624.
Armstrong. To be made by Krupp Process 99, 624.
Armstrong Special. 6-inch Experimental Plate, Trial 98, 408.
Armstrong Special. Trial of 6-inch

Armor (Cont.)
Armstrong Special (Cont.)
Plate **97**, 194.
Battleship armor and gun attack **111**, 657.
Bottom armor for battleship **153**, 1508.
British shell and armor at Jutland **220**, 962.
Bullet vs. armor **185**, 1581.
Cement backing for armor **159**, 1660.
Cost of armor plate, 1911 **140**, 1452. **163**, 963.
Cost of naval armor, 1916 **166**, 1988.
Davis cementing process **101**, 139.
Experiments with protective deck armor 1917 **168**, 397.
for New Russian Ships 1899: **92**, 912.
for Russia, Trial of Schneider's Nickel Steel **68**, 491.
for Ships. Sir N. Barnaby **52**, 91.
for Ships of War. P.R. Alger **76**, 753.
German armor, 1913: **148**, 1738.
German plate **225**, 1843.
Giebeler steel **101**, 140. **102**, 389.
Guns vs. armor, 1917: **171**, 1033.
Head armor for soldiers **159**, 1660.
Internal diagonal **232**, 1048.
Lessons of Jutland. N.B. Musser **266**, 562.
Light cruiser **234**, 1446.
Manufacture of armor plate **102**, 387.
Manufacture of plate **278**, 738.
Military Characteristics and Ordnance Design. H.F. Leary **233**, 1125.
The New armor 1911: **138**, 658.
Present value of armor, 1914: **149**, 248.
Proposed armament for type battleship. of U.S. Navy with suggestions for armor protection. H.C. Poundstone **106**, 377.
Protection for anti-torpedo guns in British Navy, 1911: **137**, 293, 309.
Question Puzzles **67**, 314.
Schaumann armour, 1913 **147**, 1358.
Sheffield and Schaumann armor processes **146**, 872.
Simpson welding process **142**, 784.
Ship's **94**, 391.
Shore batteries vs. battleships **223**, 1468.
Trials, Russia **80**, 838.
U.S. Armor Contracts, 1907: **123**, 1308.
U.S. Marine Corps Armor. R.M. Winter (ProfNote) **767**, 123.
United States. Royalties for Armor Plate **100**, 784.
Vickers-Maxim. Special Process Plate, Trial **99**, 624.
Weight of British battleship armor **106**, 496.
Armor and Ordnance
British **70**, 467.
Brown. 9-inch Plate for Venerable, Trial **99**, 624.
Carbon Steel Company's Process **99**, 623.
Carnegie. 6-inch Plate for the Maine **99**, 623.
Carnegie. 6-inch Plate for the Missouri **99**, 623.
Carnegie (Krupp). Trial of 6-inch Plate for Russia **97**, 193.
Cosgrove Process. 6-inch Experimental Plate, Trial **99**, 623.
Deflecting. N.B. Clark **15**, 1. **16**, 183.
The Development of.
for Naval Use. E.W. Very **25**, 349.
J.W. Miller **10**, 513.
Distribution of. W.E. Smith **35**, 777.
Face-hardened
A.A. Ackerman **73**, 1.
W.T. Sampson **72**, 818.
Review **76**, 934.
Germany
Giebeler Armor, remarks **100**, 785.
Manufacture of Armor in. Price, etc. **99**, 624.
Price of Armor in. **97**, 193.
Great Britain
Trial of 6-inch Armstrong Plate **100**, 785.
Trial of 8.8-inch Cammell Plate for Bulwark **100**, 785.
Hard-faced **87**, 533.
Method of Making **86**, 380.
Herr Krupp on the Perforation of Steel **79**, 661.
Iowa, Test **76**, 903.
Italy. Trials of Terni Plates of 67, 76, 90, 110 and 150 millimeters **100**, 786.
Makers of Armor, remarks **97**, 192.
Modern. Cleland Davis **99**, 551.
Penetration of Wrought-iron Plates **33**, 341.
Perforation of Face-hardened. Cleland Davis **82**, 283.
United States. Tests **84**, 754.
Armor Plate
American and European, 1898: **86**, 370.
Competition, The Pola **69**, 213.
Competitive Trial of. (Report of Board) L.A. Kimberly **56**, 629.
for Asahi **89**, 235.
Harveyed 14-inch Nickel-steel, report on. R.B. Dashiell **65**, 117.
Perforation of Hard-faced Armor. C.A. Stone **79**, 659.
Question, 1894, The. W.H. Jaques **72**, 827.
Tests
of 6-inch Krupp Plate **87**, 516.
of Vickers **85**, 134.
Trials, 1900: **96**, 688.
Armor and Shell
Great Britain. Trial of Vickers 6-inch Armor Plate **82**, 379.
Tests of **81**, 172.
Brown Plates **83**, 582.
Hadfield Projectiles **83**, 586.
Russia **81**, 173.
Vickers Plate **83**, 582.
United States **81**, 171. **83**, 581. **82**, 375.
Armor--Tests **61**, 147. **78**, 494.
The Annapolis. E.W. Very **56**, 619.
at Portsmouth, 1902: **101**, 141.
Belleisle experiments, 1902-1903: **101**, 154. **104**, 728. **105**, 289.
Cammel's Harveyed Plates **69**, 213.
Effect on armor of torpedo explosions, illus. **112**, 883.
Effects on turrets of impact of shells **107**, 765.
Experimental firings at the Jena, 1919: **129**, 313.
Firing experiments with HMS Montagu **120**, 1612.
Liberdad armor tests, 1903: **106**, 496.
of Harveyed Plate **79**, 690.
Puritan experiments, U.S., 1911: **137**, 318.
Seven inch plate tests, 1903: **105**, 286.
Tests of Krupp plate, 1902: **101**, 140.
Using battleships for targets **130**, 596.
Value of obsolete battleships as targets **152**, 1218.
Armored cars: Test of armored cars at Sandy Hook, 1916: **166**, 1996.
Armored Cruisers
A.E. Duncan, Jr. **677**, 86.
Finest Ships or Not Worth a Damn (C&D) **875**, 72.
"Finest Ships" or "Not Worth a Damn"? J.M. Kennaday **869**, 84.
Armored Ships of the Future **90**, 428.
Armored Side of USS Iowa, Experimental Test **76**, 903.
Armored Vessel--Cruiser
best suited to the Present Needs of the United States, Type of. Prize Essay, 1881. E.W. Very **15**, 43.
Seaton Schroeder **15**, 85.
Armory, Philadelphia naval reserve **325**, 220.
Arms and the Man. T.J. Casey **333**, 980.
Arms Control
Elusive Goal of Nonproliferation. S.L. Harrison **794**, 26.
No Simple Answers. R.L. Giddings **804**, 40.
Since Hiroshima. D.R. Mets **850**, 18.
Arms for the Love of Allah. Wynfred Joshua **805**, 30.
Arms, Frank T.: Hints on purchasing **186**, 1753.
Arms, Magazine, Small. W.W. Kimball **17**, 231.
Arms manufacture parley **290**, 494.
Armstrong, E.H. **587**, 87.
Armstrong, F.A.: Father of American weather map **292**, 691.
Armstrong, H.C.: Last of the Four-Pipers? (Langenberg) (C&D) **882**, 74.
Armstrong, J. **423**, 680.
Army
Aviation in Vietnam. R.J. Rogers (ProfNote) **793**, 137.
Engineers Waterways Experiment Station **571**, 1019.
Industrial College of Armed Forces. J.M. Scammell **529**, 295.
Ordnance Association **344**, 1451. **343**, 1292.
Professionalism in the Royal Thai. T.A. Marks **839**, 46.
Army and Navy Staff College
ANSCOL at Naval War College. T.A. Brown **517**, 433.
This is ANSCOL. E.S. Watson and S.M. Brown **513**, 1327.
Army-Navy Club of Manila. T.C. Parker **650**, 408.
Army--U.S.
'Airmobile' Plan to McNamara (Notebook) **748**, 155.
The All-Volunteer Army: Too High a Price (C&D) **863**, 76, 77. **868**, 80.
All-Volunteer Army: Too High a Price? R.H. Kohn **853**, 35. **857**, 93. **858**, 92.
'Austere' Carrier Quarters [in Kula Gulf] Rejected by Army **753**, 156.
Brigade Formed for Vietnam (Notebook) **774**, 148.
Helicopter Shortage Squeezes War Effort (Notebook) **766**, 168.
Is Working on Recruit Plan (Notebook) **740**, 135.
Koreans Attached to. See: Katusa.
Pentagon Settles Aircraft Dispute (Notebook) **761**, 161.
U.S. Army "Can Do" Earns a Navy "Well Done" (Notebook) **757**, 156.
Army--U.S.--Aviation: Army to Reorganize Aviation (Notebook) **758**, 172.
Army--U.S.--maintenance support forces: Army's Floating Aircraft Maintenance Facility. J.F. Sullivan (ProfNote) **761**, 148.
Army--U.S.--morale: Objective Was a Volunteer Army. John Alger **804**, 62. **809**, 107. **815**, 87.
Army--U.S.--Officer personnel: Screening for Best Qualified Officers (Notebook) **740**, 137.
Army--U.S.--Small arms: Order Reflects Army's Growing Dislike of M-14 Rifle (Notebook) **732**, 148.
Arnaud, J.J. **223**, 1417.
Arnault, C.C.: Torpedoes in Steam Launches. Tr. T.B.M. Mason **11**, 79.
Arneb (U.S.): See: Cover Pictures--November 1960.
Arnold, Benedict
Last In the Hearts of His Countrymen. P.B. Yeager **788**, 80.
Paul Jones and Arnold. W.C.I. Stiles

385, 337. 391, 1304. 396, 249.
Retreat from Valcour Island. L.H. Bolander 322, 1060. 324, 142.
Royal Savage (U.S.) 393, 1646.
Arnold, H.H.: Performance of future airplanes 270, 1522.
Arnold, H.I.: R.A.F., The Impossible Dream (Emmott) (C&D) 809, 107.
Arnold, J.C.: Water recovery method of ballast for an airship 330, 731.
Arnold, J.E.
NOIC UTAH 532, 671.
USNAAB Le Havre 528, 127.
Aronson, A.A.: Burza Was a Destroyer 659, 18.
Aronson, J.M.: Imperial Ethiopian Navy (ProfNote) 758, 165.
Aroostook (USS) 332, 946.
Arpad (Australian battleship): Description 108, 967.
Array against sovereignty. W.T. Cluverius 272, 1916.
Arrow (HMS) 321, 991. 328, 543.
Arroyo, E.B.: Naval Reserve Educational Centers 400, 832.
Art
Chinese: Yankees in China Ports. Ralph Oman 836, 70.
groups, minature: See: Franklin, D.
U.S. Navy Combat (Pictorial) 832, 74.
Artemis (SS): Torpedoed 162, 655.
Artesien (France) 384, 165.
Arthur, C.S.
General Eisenhower's Elephants 587, 45. 601, 320.
Paternalistic Leadership, Fountain-Head of Military Valor 549, 1409.
Real Solution for Paperwork Quandary. C.S. Arthur 536, 1185.
Arthur, R.J.: Naval Medical Officer: the Worst of Both Worlds (Dully) (C&D) 813, 86.
Arthur, R.S.: Scripps Institution of Oceanography (ProfNote) 714, 137.
Arthur, Snowden 694, 110.
Artificers, Engine Room 66, 221.
Artificial respiration 402, 1209. 406, 1771.
See: Drowning.
Artificiality, Peace-Time. F.G. Percival 382, 1665.
Artika (Russia) 856, 122.
Artillery
The Latest Improvements in. R.H. Newell (OldNav) 846, 71.
Mobile artillery in advance bases. H.C. Davis 144, 1467.
Artists, Combat: Combat Art in Navy. E.J. Long 517, 395.
Artom, A.: Selective radio stations. Tr. L.A. Dogett 175, 2037.
As Before Except. H.A. Gosnell 335, 63.
As Holy Joe Sees It. S.K. Evans 292, 733.
Asama (Japanese cruiser): Salving the Asama 165, 1634.
Asama Maru (Japanese motorship) 323, 63.
Asbetos, Magnetic Qualities of 72, 829.
Asdic and Sonar, Anti-Submarine Sisters. M. Prendergast 546, 1009.
Ash-hoist of Albatross. G.W. Baird 41, 279.
Ashbrook, A.W.: Naval Mines 240, 303.
Asburn, E.H.: Pegasus (PHM-1): The Patrol Hydrofoil Ship (ProfNote) 887, 101.
Ashburn, F.S. (Joint author): See: Hohn, A.C.
Asher, Cash: Florida at Veracruz (OldNav) 702, 158. 705, 113, 114, 115, 116.
Asheville (U.S.): New U.S. Motor Gunboats. Henry Dale (ProfNote) 769, 135.
Ashigara (HIJMS) 328, 505. 337, 400.
Ashley-Brown, G. 689, 101.
Ashley, W.J.: Great Guns 387, 627.
Ashton, George: Minesweeping Made Easy 701, 66.
Ashton, W.J.: Safe Bearing (C&D) 757, 122.
Ashuelot (U.S.) 841, 81.
Ashurst, A.J.
How to Stay Afloat in a Personnel Quandary (Thomas) (C&D) 860, 85.
Retention: The High Cost of Leaving (Freland) (C&D) 808, 106.
Ashworth, E.M., Jr.: Wanted: Jacks-of-All-Trades 680, 63.
Ashworth, F.L. 717, 122.
Book Review 756, 116.
Dropping Atomic Bomb on Nagasaki 659, 12.
Asia
Afro-Asian Ocean World. Anthony Harrigan 735, 44.
Communist Challenge in. A.V. Wilson 655, 954.
Economic War Potential of. J.Z. Reday 585, 1137.
The Near West. H.W. Bergbauer, Jr. 808, 47. 816, 84.
Our Stake in the Orient Today. J.Z. Reday 666, 51.
Sea Power and the Struggle for. M.H. Hellner 638, 353.
Showing the Flag in Southeast Asia. John V. Noel, Jr. 624, 179.
Strategic Areas, Analysis of. R. Strausz-Hupe 587, 1.
Asia--Southeast: South Vietnamese Navy. R.P.W. Murphy and E.F. Black 731, 52.
Asian
Allies for America. J.W. Ballantine 608, 1047. 617, 808.
Littoral, Strength and Weakness in. P.B. Brannen 670, 68.
Point of View, Australia's Defense Policies and the. E.H. Dar 826, 56.
Sea power: The East China and Yellow Seas. J.R. Dewenter (NavRev) 867, 188.
Asiatic
Fleet, U.S.: Pearl River Log, Different World. J.P. Clay 811, 58.
League: Rumors of formation 287, 115.
Station: Notes on Asiatic Cruise. F.J. Nelson 397, 390.
Station: Retrospection. E.R. Wilson 382, 1715. 385, 451.
Askold (Russian Cruiser)
Description 103, 656.
Reported sunk 109, 233.
Asprey, R.B.
New Fleet Marine Force 678, 41.
Tito's Navy 672, 73.
Assassinations
Borda, J.I. 334, 1163.
Carranza, V. 209, 1160.
Collins, M. 236, 1835.
Dato, E. 218, 632.
Erzberger, M. 224, 1672.
France 353, 1056.
Hara, T. 226, 1991.
Hutchinson, S. 333, 985.
Japan 351, 771. 352, 930, 942. 353, 1057, 1077.
Obregon, A. 307, 808.
O'Higgins, K. 295, 1023.
Rathenau, W. 234, 1455.
Vojkow, P. 294, 897.
Assault craft (Italian): Italian Naval Assault Craft in Two World Wars. Virgilio Spigai 745, 50. 753, 116, 117, 118.
Assault Ships--Great Britain
Britain's Second Assault Ship, Intrepid, Sails (Notebook) 774, 153.
Royal Navy's First Assault Ship. P.J.M. Shevlin (ProfNote) 765, 148.
U.K. Puts Assault Force in Far East (Notebook) 776, 148.
Assman, Heinz 697, 108.
Some Personal Recollections of Adolf Hitler. Tr. R.E. Krause 610, 1289.
Assmann, Kurt 613, 334. 651, 555.
and R.E. Krause: Hitler and the German Officer Corps 639, 509.
Invasion of Norway. Tr. R.E. Krause 590, 401. 599, 89. 605, 783.
Operation "Sea Lion". Tr. R.E. Krause 563, 1.
Stalin and Hitler: Part I, Pact with Moscow. Tr. R.E. Krause 556, 639.
Stalin and Hitler: Part II, Road to Stalingrad. Tr. R.E. Krause 557, 759.
Associated American Chambers in China 252, 318.
Aston, W.J. 703, 118.
Captain's Own Shore Patrol (anecdote) 608, 1113.
Jet Age Carrier (Pictorial) 639, 529.
Aston, William: Bottoms Up (anecdote) 673, 69.
Astor, J.J. 444, 213.
Astor, Vincent 858, 3.
Astoria (USS) 330, 753. 337, 399. 372, 263, 295. 374, 588. 376, 854. 379, 1308.
Astral (U.S.): Day the Astral Vanished. Arthur Gordon 752, 76.
Astronaut Corps, Above and Beyond. R.P. Wiggers, Jr. 836, 46.
Astronomical Day, Proposed Abolition of. S.J. Brown 35, 753.
Astronomy
Home-made planisphere. A.N. Wood 271, 1711.
Naval Observatory's New Telescope. J.F. Hellweg 383, 9.
Naval Observatory, U.S., Printed treasures of. G.O. Savage 333, 977.
Picking the stars. J.F. Hellweg 343, 1213.
Planetarium of Munich Museum. I.W. Bauersfeld 267, 761. 268, 1105.
Pluto. W.M. Wynne 344, 1341.
Prominent astronomical discoveries. C.G. Richardson 344, 1359.
Radio Astronomy and the U.S. Navy. W.D. Hart 688, 41.
to Service of Aerial Navigation. G.W. Littlehales 341, 939.
United States Naval Observatory. J.F. Hellweg 404, 1464.
Uses of. John Rodgers 9, 449.
Zeiss Planetarium. G.B. Myers 405, 1570.
Astronomy--Nautical: See: Nautical astronomy.
Asturias (British hospital ship): Torpedoed and sunk 157, 1010. 171, 1075.
Asturias (motor ship) 271, 1773, 1753. 272, 2010. 278, 724, 764.
ASW
and the Modern Submarine. S.E. Wright, Jr. 842, 62. 846, 93.
barge-train: The ASW "Six-Pack". J.W. Skipper (ProfNote) 826, 103.
Officer, "Jack of all Trades..." R.R. Mackie 828, 34. 838, 93. 839, 94. 840, 89.
Asylum
Protecting American interests. G.R. Clark 130, 393.
Rights of warships at Panama 154, 1827.
Atago (Japan) 351, 774. 357, 1686. 329, 646. 337, 400.
Atahualpa (Per) ex-Catawba: See: Monitors 'Round Cape Horn.
Atlante (British): Remarkable Wreck. H.P. Martin 472, 811.
Atlante (French) 355, 1373.
Athay, R.E.: The Sea and Soviet Domestic Transportation (NavRev) 831, 158.
Athens Designated Homeport for Some Sixth

Athens Designated Homeport (Cont.)
Fleet Ships (Notebook) **842**, 115.
Athlete, Naval Academy, as Naval Officer. C.H. Wright **559**, 1019.
Athletic Training at Naval Academy. W. Aamold **392**, 1560.
Athletics
beneficial and otherwise. A.P. Niblack **248**, 1609. **249**, 1873. **251**, 86. **255**, 795.
English swimming tests **231**, 817.
Every Officer a coach. W. Aamold **237**, 1907.
Four-Year Rule for Fleet. J.E. Rucker **370**, 1759.
in fleet. G.L. Woodruff **346**, 1690.
J.L. Nielson **247**, 1431.
Keeping fit at Manzanillo. P. Andrews **355**, 1314.
Maintaining youth in service. W. Aamold **232**, 959.
Naval Academy. G. Rice **288**, 262.
Naval posture. W. Aamold **278**, 684.
Physical Prowess and Leadership. J.M. Kennaday **377**, 947.
Smoke screen athletics. W. Aamold **252**, 237.
Strength tests. L.H. Mang, P.V.H. Weems and F.K. Elder **347**, 91.
Athletics and Amusements
See also: Physical training.
Amusing 50,000 men. Fitzhugh Green **177**, 2527.
The athletics and amusements office, Fort Slocum, N.Y. Paul D. Bunker **141**, 211.
The crime of the colleges. J.S. Taylor **189**, 2559.
Necessity of protecting our athletes. Harris Laning **146**, 795.
On opposition to sane sport in American colleges. Frank Angell **198**, 1369. K.C. McIntosh **200**, 1765.
Plea for physical training in the Navy. A.P. Niblack **129**, 67.
Atkins, A.K.: Diesel engines for naval purposes **142**, 660.
Atkinson, J.D.
and D.P. Yeuell, Jr.: Must We Have World War III? **641**, 711.
Communist Revolution in Warfare **601**, 285.
Atkinson, James A.: VLCC Aground: Everybody's Problem (ProfNote) **877**, 95.
Atlanta (U.S.) **386**, 489. **481**, 314.
See: Our First Steel Warship (Pictorial)
Atlantic (SS) **328**, 553.
Atlantic
Alliance
Nuclear Control and the Multilateral Force. C.H. Amme, Jr. **746**, 24.
R.M. McClintock **558**, 857.
Battle of
Brilliant...and the Brave. John Bunker **668**, 83.
Tribute to a Gallant Officer **673**, 103.
Community, Defense of the. S.L. Harrison **800**, 44.
Conference: First Roosevelt-Churchill Meeting. R.P. Strange **602**, 389.
Defense, Nine Keys to. J.H. Guill **608**, 1077.
Fleet
cold weather exercise: Protest at Snowy Beach. R.W. Blanchard (ProfNote) **833**, 118. **837**, 90.
Platoon System in U.S. 2nd Fleet (Notebook) **748**, 148.
Naval Policy for United States. N.J. Padelford **451**, 1297.
Northeast: Where is the Western Navy? The World Wonders. Hans Garde **866**, 18. **870**, 84. **875**, 77.
Ocean, Navigation of **327**, 469.
Ocean--Sea of Decision. F. Uhlig, Jr. **613**, 275.
Undersea Test and Evaluation Center: AUTEC and Inner Space. L.L. Jackson, Jr. (ProfNote) **787**, 138.
Union Committee **579**, 505. **581**, 764. **585**, 1169.
Atlantic Span (U.S.): New Roll-on Roll-off Service. G.D. Saunders (ProfNote) **784**, 135.
Atlantique (SS) **328**, 545. **334**, 1140.
Torpedoed **184**, 1393.
Atlantis
German Raider, Cruise of, 1940-1941. R.S. Pattee **562**, 1323.
Leadership on Board the Raider Atlantis. Bernhard Rogge **720**, 40.
Atlantis, Survey of. G.T. Rude **450**, 1105.
Atlantis (U.S. survey ship) **464**, 1423.
Atmosphere, Movements of. Tr. J. Leroux **55**, 537.
Atmospheric Control. W.J. Kotsch **581**, 723.
Atmospheric Pressure. E.H. Kincaid **295**, 974.
Atom-Age Navy. M.T. McNevin **680**, 40.
Atomic Age
American Responsibilities in the Nuclear Age. W.R. Kintner **637**, 243.
Command and Control in the Nuclear Age. J.T. Hayward and P.J. Keaney **729**, 38.
Work or Worry in. B.F. Brown **585**, 1197.
Atomic Bomb
ADU, Lesson of. F.I. Winant, Jr. **547**, 1067.
Atomic Energy--Whither Bound. W.S. Parsons **534**, 895. **538**, 1506.
Bikini tests ships **524**, 1319.
Dropping Atomic Bomb on Nagasaki. F.L. Ashworth **659**, 12.
Navy and Atomic Bomb. W.E. Strope **536**, 1221.
Outlaw Atomic Bomb? W.R. Wendt **553**, 334.
Potentialities of Atomic Warfare Against U.S. Petroleum Industry **559**, 983.
Probable Effect on American National Defense of United Nations and Atomic Bomb. W.D. Puleston **522**, 1017.
Sea Power and Atomic Bomb. J.P. Cranwell **524**, 1267. **528**, 202.
Targets for Future? **539**, 80.
X-Factor of Military Policy. H.B. Seim **554**, 387.
Atomic Defense
Bolt from the Blue. G.F. Eliot **677**, 23. **681**, 104.
Finite Deterrence, Controlled Retaliation. P.H. Backus **673**, 23. **679**, 104.
Atomic Energy
Joint Congressional AE Report Spurs Renewed ABM Drive (Notebook) **777**, 152.
Keel Is Laid for A-Power Barge Plant (Notebook) **732**, 147.
Lazy Atom. R.T. Sorel (ProfNote) **716**, 130.
Military Applications of. R.B.L. Creecy **569**, 743.
Nuclear Power for the Shore Establishment. Herbert E. Smith and Arthur B. Chilton **631**, 1012.
Power--In Shadow of New Tomorrow. R. Sibley **472**, 774.
Swedish-Norwegian Reactor Study (Notebook) **730**, 162.
Atomic Power
See also: What We Don't Know Can Hurt Us. J.F.Calvert.
Nuclear Power
and the Seaplane. C.T. Durgin, Jr. **635**, 18.
for the Navy. Craig Hosmer **663**, 57.
Propulsion. J.V. Dunworth (ProfNote) **662**, 143.
Where Will It Pay First? E.B. Roth **608**, 1091.
Atomic science: Atomic Story, Moscow Version. C.P. Lemieux (ProfNote) **708**, 148.
Atomic Strategy, Making. R.G. Alexander **632**, 1081.
Atomic Test, British, Royal Navy's Part in (Pictorial Section) **600**, 195.
Atomic Warfare
Address by P.H. Nitze, 16 March 1964 at Joint Session of NWC and ICAF **737**, 160.
Defense Against Nuclear Attack at Sea. D.J. Carrison **735**, 35.
Great Debate: 1954. R.E. Williams, Jr. **613**, 247. **617**, 809.
Medicine. E.P. Cronkite **583**, 933.
Philosophy for Naval Atomic Warfare. M.W. Cagle **649**, 249.
Sea Power's Role in. G.C. Reinhardt **610**, 1279.
Stalemate--Or? H.W. Baldwin **734**, 48.
Sustaining an Air-Atomic Navy. C.L. Henn **651**, 471.
Atrocities: Low Tide at Hampton Roads. Parke Rouse, Jr. **797**, 79. **802**, 113.
Attaché systems: The Naval Attaché. W.H. Packard (ProfNote) **746**, 130.
Attack Cargo Ships--United States: See: New Navy
Attack Carrier in the Missile Age, Case for. L.B. Green **665**, 46.
Attack carrier striking force: Mission Versus Tradition. S.J. Fitrell (ProfNote) **829**, 120.
Attack on a Protected Harbor, Naval. Commander Egerton, R.N. **55**, 585.
Attack submarines: Tomorrow's Fleet. J.D. Alden **887**, 120.
Attack Transport--United: See: New Navy
Attilio Regolo (Italian) **456**, 301.
Attitudes: the Secret of Superperformers (Reprinted from Industry Week) **860**, 75.
Atwater, J.J. **391**, 1308.
Atwood, G.T.: Veterans on the Campus (C&D) **804**, 97.
Audace (Italian destroyer): Description **152**, 1203.
Audacieux (France) **348**, 286. **350**, 616.
Audacious HMS
Fate of the Audacious **156**, 653.
Launched; description **144**, 1640.
Loss of the Audacious **154**, 1874. **155**, 245.
Photograph showing sinking of Audacious by mine **155**, 235.
Trials **147**, 1338.
Audion: What happens in an audion. J.B. Will. **177**, 2505.
Auer, J.E.
Court Rules Defense Forces Violate Japanese Constitution (Notebook) (C&D) **852**, 90.
Japanese Militarism **847**, 46. **851**, 80. **852**, 90.
Youth and the U.S. Navy (Reynolds) (C&D) **849**, 87.
Aug, S.M., and T.R. Philpott: The Coast Guard Reserve **877**, 84.
Augusta (U.S.) **841**, 81, 86, 87, 89.
Augsburg (German cruiser) **800**, 122.
Description **135**, 865.
Augusta (USS) **325**, 233. **330**, 752. **337**, 399. **477**, 1610.
Augustine engine: Description **188**, 2415.
Augustin-Normand, Paul **698**, 107.
Auld, G.P.
Compilation of the manual for pay officers afloat **154**, 1749.
Navy yard accounting **159**, 1421.
Aulick, John H.
Paullin, C.O., Cruise of Commander Aulick (1835-36) **135**, 725.
Voyage of Aulick to Japan with the

Susquehanna, Plymouth and Saratoga **137**, 257.
Ault, J.P. **289**, 338.
Ault, W.O. **672**, 123.
Auphan, Paul: French Navy Enters World War II **640**, 592.
Aurand, E.P.
Another Look at Nuclear Power? (C&D) **744**, 112.
Tiger Hunting in Dinglabash **856**, 35. **860**, 92.
Aurora HMS: Launched; description **148**, 1741.
Ausland, J.C.: Olive Branch and Lightning Bolts **801**, 67.
Aust (Lieutenant, German Navy): War cruises of HMS Karlsruhe. Tr. J.H. Klein, Illus. **179**, 15. **180**, 265.
Austin, B.L. **612**, 218.
Book Review **733**, 118. **772**, 117.
Austin, C.M.: CCC with Navy **388**, 781.
Austin, D.V.: She Had a Lot to Learn (anecdote) **824**, 57.
Austin, H.O.
Deeper Diving with Oxy-Helium Mixture for Breathing **554**, 423.
Experimental Diving Unit: Pioneer in Pressure (Pictorial Section) **577**, 309.
Salvaging USS Lafayette **582**, 811.
They Also Served (anecdote) **622**, 1323.
Austin, L.B. **393**, 1701.
Austin, L.W.: Radio short waves affected by sun spots **340**, 833.
Austin, R.C.
Against All Enemies (Hanks) (C&D) **808**, 97.
The Loss of Leadership (Collins) (C&D) **871**, 77.
Our Nation's Shipyards (C&D) **746**, 106.
Austin, T.S.: Navy's Oceanographic Survey Vessels **578**, 387.
Austin (Texas Navy) **403**, 1306.
Australia
Albany **307**
Apprehensions of. H. Russell **272**, 2021.
Coastwatching in World War II. E.A. Feldt **703**, 72.
Confederate Raider Shenandoah at Melbourne. Celia Woodworth **844**, 66.
Defense inadequate **356**, 1523.
Foreign relations **302**, 331. **342**, 1131.
Germany, Relations with **339**, 697. **340**, 844. **341**, 985. **345**, 1586.
Labor party defeated **347**, 143. **348**, 309.
Naval College: Reopened **350**, 615.
Problems of Australian Defense. Geoffrey Rawson **664**, 51.
Sydney attack: High Spot of Pacific. W.C. Ford **507**, 551.
Australia--Air Force
Australia Considers F-4C Phantom IIs (Notebook) **738**, 159.
Australian F-111 Pilots Train in U.S. (Notebook) **790**, 158.
Australia Planning to Buy 25 TFXs (Notebook) **731**, 143.
Australia--Army
Australian Army Air to Vietnam (Notebook) **754**, 169.
Australians Increasing Amphibious Capability (Notebook) **758**, 178.
Australia (HMS) **344**, 1417.
Description **139**, 1056.
Australia--Navy
Australia Builds Naval Base (Notebook) **775**, 158.
The Australian fleet, 1911: **139**, 1064.
The Australian Navy, 1911: **138**, 637. 1914: **149**, 221. **150**, 544. **154**, 1804. 1915: **159**, 1645.
Australian Navy Submarines (Notebook) **727**, 147.
Australia's New Navy (Notebook) **729**, 155.
Big Navy Job for Sydney Dockyard (Notebook) **731**, 140.
Britain's Junior Navies. D. Cowie **451**, 1291.
Britannia Has a Family. D. Cowie **460**, 842.
British colonial naval construction, 1910: **134**, 608.
Cruisers **259**, 1519. **261**, 1868. **273**, 2176.
Fleet Air Arm of Royal Australian Navy. S.P. Kraus (ProfNote) **717**, 147.
Jellicoe's recommendations **201**, 1912. **202**, 2071.
Major combatant ships, 1970: **831**, 216.
New Australian Insignia (Notebook) **753**, 162.
New Submarine in RAN Service (Notebook) **790**, 158.
Notes **209**, 1116. **237**, 1954. **244**, 1012. **333**, 1039. **337**, 398. **344**, 1417.
Royal Australian Navy. G. Rawson **506**, 415.
Royal Australian Navy. A. Eggleton (ProfNote) **749**, 137.
They'll Handle G.M. Destroyers (Notebook) **731**, 143.
Australia (U.S.): Not Oldest Registered Merchant Vessel in America **669**, 109.
Australian-American relations: The Eagle and the 'Roo: American Fleets in Australian Waters. J.H. Moore **825**, 43.
Australian Defense Budget Includes Aircraft Purchases (Notebook) **810**, 134.
Austrialian Naval Situation. T.B. Millar (NavRev) **831**, 208.
Australian Navy Adds Ships and Missiles (Notebook) **787**, 155.
Australian Trading Fleet, 1970: **831**, 215.
Australia's Defense Policies and the Asian Point of View. E.H. Dar **826**, 56.
Australien (SS): Torpedoed **188**, 2472.
Austria: Domestic affairs **335**, 132. **341**, 986. **342**, 1131. **345**, 1588. **353**, 1056.
Austria-Hungary: Evolution of Great Powers. H.R. Stevens **587**, 69.
Austria--Navy
Austrian dreadnought squadron in 1914: **151**, 826.
Austrian fleet in 1911: **137**, 280.
Austrian fleet on a war footing, 1914: **149**, 191.
Condition, 1903: **107**, 743. 1904: **111**, 627.
Inland, of Austria. F. Pratt **367**, 1269. **371**, 105.
Mutiny in gulf of Cattaro, February 1918: **190**, 2801.
Naval Mutiny at Pola, 1917 **178**, 2933.
Proposed increase in personnel, 1914: **149**, 190.
Program 1902-03: **102**, 310. 1904-05: **110**, 429, 627. **112**, 841. 1906-07: **119**, 1017. **121**, 387. 1909: **132**, 1269. 1910: **136**, 1149. 1911: **137**, 279. **138**, 623. 1912: **141**, 305. **144**, 1622. 1913: **145**, 362. **146**, 839. **148**, 1726. 1914: **149**, 190. **150**, 479. **151**, 827.
Regulations governing marriage of officers **128**, 1317. **130**, 571.
Strength of personnel, 1904: **111**, 627. 1905: **114**, 487. 1913: **145**, 362.
Vessels Building 1902: **101**, 90. **102**, 310. **103**, 628. **104**, 957. 1903: **105**, 237. **106**, 446. **107**, 743. **108**, 967. 1904: **109**, 213. **110**, 429. **111**, 627. **112**, 841. 1905: **113**, 199. **114**, 487. **115**, 701. **116**, 983. 1906: **117**, 327. **118**, 711. **119**, 1017. **120**, 1509. 1907: **121**, 387. **122**, 847. **123**, 1289. **124**, 1511. 1908: **125**, 333. **126**, 701. **127**, 1050. **128**, 1317. 1909: **129**, 287. **130**, 571. **131**, 951. **132**, 1269. 1910: **133**, 268. **134**, 596. **135**, 857. **136**, 1149. 1911: **137**, 279. **138**, 622. **139**, 1039. **140**, 1415. 1912: **141**, 305. **142**, 751. **143**, 1107. **144**, 1622. 1913: **145**, 302. **146**, 837. **147**, 1321. **148**, 1726. 1914: **149**, 189. **150**, 484, 487, 490. **151**, 826. **153**, 1480. **154**, 1792. 1915: **155**, 178. **157**, 916. **158**, 1274. 1916: **161**, 226. **162**, 564. **164**, 1268. **165**, 1629. **166**, 1972.
See also: Names of vessels.
Austrian Navy in Escape of Goeben and Breslau. B. von Berchem **351**, 701, 795. **357**, 1647.
Austro-American Navy. E.E. Hazlett, Jr. **454**, 1757.
Austro-Hungarian Fleet **414**, 1077.
AUTEC and Inner Space. L.L. Jackson, Jr. (ProfNote) **787**, 138.
Auth, William: The Navy's Unwelcome Visitors (Milre) (C&D) **862**, 85.
Authority
Delegation of: Accountability: Crumbling Keystone. B.C. Dean **839**, 40.
The Weakened Link. B.C. Dean **821**, 48. **830**, 101. **832**, 109. **833**, 104.
Autogiros
As Military Craft. W. Nelson **342**, 1092.
Cierva, J. de le **257**, 852. **275**, 142. **306**, 696. **309**, 1010. **357**, 1682.
Japan **354**, 1235. **358**, 1842.
Navy's XOP-1 **342**, 1118.
Automated analysis: Digital DSOT--A New Method of Operability Testing. T.R. Foard (ProfNote) **793**, 143.
Automated Merchant Vessel Report (AMVER)
Computer for Emergencies at Sea (Notebook) **772**, 149.
Computer to the Rescue. E.F. Oliver (ProfNote) **749**, 142.
Automated Mutual-assistance Vessel Rescue: The AMVER System. Walter McDougall (ProfNote) **877**, 106.
Automated Ships
Find Problem (Notebook) **744**, 160.
from Colombia Due (Notebook) **770**, 159.
Automatic Guns: See: Machine guns.
Automation
The Bitter Pill. V.R. Carlson **777**, 37.
The Bitter Pill (C&D) **780**, 106. **781**, 115, 116.
Engineering Plant. K.C. Wendt (ProfNote) **805**, 115.
Man and Machine. Richard Parker and Ronald Tarbox, Jr. **722**, 80.
No Need Seen of Ship Crew (Notebook) **725**, 154.
Passing of Paper Palaces. H.F. Kuehl. (ProfNote) **732**, 136.
Some Implications of Robotry. J.C. Busby **723**, 51.
Automobiles: Armed automobiles for ships for use of landing parties **158**, 1291.
Automotive equipment: Pacific Motor Lines, Inc. S.F. Stowe **501**, 1333.
AUTOVON **863**, 87.
Auxiliaries
Commodore Preble's Sicilian Auxiliaries. C. Moran **431**, 80.
Fringes of Our Fleet. R.W. Mindte **428**, 1449. **430**, 1798.
Tankers as Naval Auxiliaries. B.O. Lisle **427**, 1249.
What of Auxiliaries? R. Barry **401**, 983. **419**, 99.
What of the? Robert Barry **848**, 90.
Auxiliaries--Ships
Engineering economy. R.R. Smith **273**, 2101.
England **348**, 207, 285, 290. **349**, 429. **351**, 766. **352**, 923. **353**, 1072.
France **350**, 617. **351**, 768.
Poland **351**, 768.
United States **347**, 123. **350**, 612. **354**,

Auxiliaries--Ships (Cont.)
United States (Cont.)
1138, 1219.
Auxiliary
Machinery: Marine **278**, 757.
Service, Naval. W.S. Whitted **305**, 592.
Squadron: The auxiliary squadron. R.R. Belknap **170**, 639.
turbo-electric drive **322**, 1073.
War Vessels **69**, 212.
Avallone, E.M.
Bainbridge Is Not the Answer (C&D) **735**, 109. **739**, 117.
Changing Climate in Federal Labor Relations (C&D) **749**, 108.
Overhaul **723**, 74. **728**, 123.
The People Factor (C&D) **774**, 105.
Postgraduate Education and Promotion: A Significant Relationship (C&D) **772**, 107.
Technical PG Quandary (C&D) **733**, 112.
See also: R.L. Brandenburg, J.G. Carl, Chantee Lewis.
Avenger of blood. U. Parsons **330**, 706.
Avenger (SS): Torpedoed **173**, 1606.
Avery, F. **593**, 791.
Aviation
Aerial Attacks on Fleets at Anchor. L.C. Ramsey **414**, 1126. **418**, 1780.
Aero-Amphibious Phase of Present War. L.C. Ramsey **483**, 695.
Air Power
Is Sea Power. L.C. Ramsey **461**, 921.
Needs Its Mahan. G.C. Reinhardt **590**, 363.
1913-43. B.A. Fiske **471**, 686.
Air Reconnaissance--Great Silent Weapon. George Cornelius **677**, 35.
Air Supply--Requisite of True Air Power. J.R. Dyer **476**, 1379.
Air Transport and Security. E.E. Wilson **372**, 177. **378**, 1138.
Air Warfare's Adolescent Years, 1914-1918. N.W. Emmott **865**, 61. **869**, 81.
Aircraft
against U-Boats. R.M. Grant **436**, 824.
Bomb and Naval Gun. L.C. Ramsey **367**, 1289. **370**, 1785. **372**, 245.
America's Aeronautical Pioneers. H.S. Mazet **373**, 309.
and Control of Sea. J.C. Hubbard **395**, 33.
Army Aviation in Vietnam. R.J. Rogers (ProfNote) **793**, 137.
ASW Replacement Air Group. J.R. Williford (ProfNote) **707**, 145.
Aviators, Whence Tomorrow's? A.D. Grinsted **604**, 654. **609**, 1247.
Battle Fleet and World Air Power. P.M. Stanford **490**, 1533.
Berlin Airlift Proved Unification Can Work. B.P. Mulready **565**, 283.
Blue Angels. B.T. Guyton **566**, 399. **569**, 795.
Bombardment
Aerial, of Fleet Bases. C. Rougeron **368**, 1413. **371**, 100.
Regulation, Air. W.C. Chambliss **381**, 1577. **386**, 557.
Bringing "Ducks" from Nicaragua. H.C. Major **370**, 1727.
Carrier Aviation, Brighter Future for. P.W. Gill and R.A. Teel **609**, 1177. **614**, 451.
Catapults Come of Age. D.L. Small **620**, 1113.
Centrifuge tests: Gee Whiz, G-Force. W.R. Hughes **555**, 561.
Citizen Rainey of Peg Leg Well. W.G. Winslow **574**, 1317.
Coast Guard
Flying Lifeboat of. H.C. Reisinger **359**, 81.
Story of. R.H. Rankin and N.N. Rubin **676**, 87.
Commercial Oversea Aviation Routes. G.S. Bryan **452**, 1427, 1525.
Development of Fleet Aviation During World War I. C.R. Brown **427**, 1297. **428**, 1489. **433**, 399.
"Dilbert Dunker." C.F. Barrett **504**, 173.
Director of Naval Aviation. T.T. Craven **601**, 293. **610**, 1363.
Early Russian Shipboard. R.D. Layman and B.V. Drashpil **818**, 56.
Educational System, Naval, Aviation and. H.E. Day **431**, 57.
Experiment in Total War. R.G. Alexander **642**, 837.
Fighter Pilot: Another Vanishing American. T.F. Tavernetti **618**, 894.
Fighter Planes versus Gunboats. H.S. Mazet **489**, 1465.
Flight of Filliloo Bird. A.S. Hill **599**, 45.
Flying Reserve of Leathernecks. H.C. Reisinger **368**, 1466.
From Box Kites to Swept-back Wings (Pictorial). Harold Andrews and J.E. Oglesby **699**, 103.
GCA: Sight without Eyes. C.H. Amme, Jr. **591**, 511.
Gift of Foresight. E.E. Wilson **721**, 48.
Heavy vs. Light Jet Attack. J.F. Anthony **670**, 92. **675**, 102, 103.
How Soucek Broke the Record. Moriece Gleason **662**, 33.
Influence of Aircraft on Exercise of Sea Command. L.C. Ramsey **428**, 1401. **435**, 727.
International Law, Airplane in. E.R. McLean, Jr. **405**, 1533. **409**, 399.
Jet Stream. W.J. Kotsch **598**, 1349.
Let's Try New Weapon. F.D. Buckley **459**, 691.
Low-Pressure Chamber and Aviation Training. C.F. Gell and M.C. Shelesnyak **500**, 1243.
Marine Aviation in Vietnam, 1962-1970 K.B. McCutcheon (NavRev) **819**, 122.
Marine Corps Aviation
An Infantryman's Opinion. J.N. Rentz **561**, 1277.
in Second Nicaraguan Campaign. F.P. Mulcahy **366**, 1121.
M.R. Tutton **699**, 48.
Military Air Transport, Strategic Importance of. C.H. Amme, Jr. **579**, 457.
NAO--Navy's Newest Career Opportunity. H.C. Hogan **697**, 62.
NATS
Navy Has Heart. B.L. Britton **548**, 1213.
Safety in Skies (Navy's Transport Flying Record). H.B. Say **547**, 1111.
Naval Academy and Naval Aviation. F.M. Hertel **539**, 37.
Naval Aviation
A.B. Cook **404**, 1455.
at Mid-Century. M.W. Cagle **580**, 605.
Cadet Program (Pictorial). J.W. Reeves, Jr. **568**, 659.
Evolution of Naval Gunfire. W.H. Standley **589**, 251.
First Year. G.E. Wheeler **699**, 89.
in the Proceedings, 1911-1961 (ProfNote) **699**, 145.
in the Years Ahead. Fitzhugh Lee **719**, 81.
Insignia. J.B. Hancock **364**, 857.
Naval Aviator in Reserve. H.C. Reisinger **373**, 381.
Naval Contributions to Aeronautical Science, 1906-1913. M.C. Welborn **546**, 991.
Naval Efficiency **568**, 675.
R.J. Massey **550**, 1011.
Naval Reserve Aviation, Notes on. J.B. Lynch **434**, 473.
Navy
Gave Me Wings. C.W. Swanson **444**, 189.
Spreads Its Golden Wings. G.F. Bogan **699**, 97.
New Mexico officers viewing maneuvers. illus. **386**, 464.
Night Fighters, Development of, in World War II. J.S. Gray, Jr. **545**, 847.
Nuclear Power and the Seaplane. C.T. Durgin, Jr. **635**, 18.
Objective in Aerial Warfare. M.F. Schoeffel **420**, 163.
Pass Defense for Battle Line. R.M. Ihrig **414**, 1117. **418**, 1780.
Pete Mitscher and Armored Cruiser Aviation. George van Deurs (Old-Nav) **801**, 152.
Polar Flying, Some Aspects of. W.H. Kearns, Jr. **555**, 551.
Polar Icecap, Landing on. D.L. Moorhead **587**, 41.
Political Limitations of Air Power. W.R. Kintner **565**, 249.
Privateer Incident. M.W. Cagle **574**, 1337.
Problems of High Altitude Flight. S.I. Brody **585**, 1191.
Propeller, Comeback for. R.A. Winston **575**, 35.
Replacement Air Group Concept. R.G. Dosé **686**, 135.
Reply to Extremists. B. Vogel **531**, 545.
Reserve
ACIO's Are Refreshed. W.H. Morris **550**, 1513.
Navy's Stake in. C.D. Williams, Jr. **435**, 665.
Ruse in Air Warfare. J.M. Bermingham **468**, 225.
Sea Power
and Air Power in 1940. W.A. Read **458**, 478.
Aviation and. H.M. Dater **614**, 427.
Impact of Aviation on. W.D. Puleston **482**, 475.
Sealubber Takes Air. R.D. Tarbuck **425**, 1000.
Second Alma Mater. C.L. Funnell **403**, 1231.
Shooting the Catapult. H.B. Miller **362**, 545. **368**, 1481.
Skijump II. W.V. Kielhorn **620**, 1123.
Speed Record, New World's. J.B. Verdin and J.M. Cameron **621**, 1201.
Squadron names: Naval Aviation and Numbers Racket. B.S. Custer **423**, 714.
Standby Squadron. W.H. Vernor, Jr. **593**, 729.
Strategic Air Warfare. R.A. Ofstie **580**, 591.
Strategic Implications of Defensive in Air War. P.M. Stanford **496**, 625.
Student Aviators and Naval Aviation. D.D. Sullivan **699**, 69.
Synthetic Training in War Program. L. de Florez **503**, 55.
Tactics of Large Aircraft Forces. M.F. Schoeffel **361**, 376. **364**, 881.
Tailhook Navy (Pictorial). Scot MacDonald **723**, 94.
Testing the Navy's Planes (Pictorial). Guy Cane **707**, 94.
Test Pilot's Diary, Excerpts from. C.B. Smith **588**, 131.
Transatlantic Aviation as an Adjunct to Merchant Shipping. W.H. Coverdale **422**, 487.
Trends in Military Cross-Country Flying. W.E. Muller (ProfNote) **702**, 137.
Triphibious Power. J.C. Ten Eyck **492**, 179.
$2,000 Month Pilots. R. White **568**, 641.
Warfare Rules, 1923: **452**, 1523.
Weather Man Looks at Air Transport.

H.B. Hutchinson **497**, 887.
What This War Means to U.S. Navy. F.G. Percival **466**, 1701.
W. / Primary Flight Training? J.H. Portz **496**, 671.
Wings of Sea Power. D.W. Kendall **470**, 505. **474**, 1156.
World War, Development of Fleet Aviation during. C.R. Brown **427**, 1297. **428**, 1489. **433**, 399.
Aviation--Aircraft
See also: names and types.
(ACV) So Much for So Little. R.L. Helms (ProfNote) **690**, 157.
Air Transport and Security. E.E. Wilson **372**, 177. **378**, 1138.
Airplane Joins the Navy. M.W. Cagle (ProfNote) **725**, 143.
Airships: See Airships.
America's Aeronautical Pioneers. H.S. Mazet **373**, 309.
Army Orders 6 "Flying Cranes" for Air Assault Division Test (Notebook) **728**, 164.
Attack Planes, Navy's (Pictorial) **594**, 897.
Autogiro type for convoy duty **459**, 638.
B-29s, Victory and. W.D. Lanier, Jr. **526**, 1563.
Berlin Airlift, Navy Squadrons in. (Pictorial) **558**, 931.
Blimps: See: Airships.
Boats and Flying Boats. A.L. Danis, Jr. (ProfNote) **644**, 1115.
Canada: RCN Adopts New Helicopter for the Fleet (Notebook) **721**, 140.
Capital Ship for an Air Navy. C.H. Liebhauser **655**, 961.
Coast Guard
Ambulance Flights. H.C. Reisinger **395**, 57.
Flying Lifeboat of. H.C. Reisinger **359**, 81.
DASH Weapons System. E.A. Morgan (ProfNote) **719**, 150.
Design, Aircraft, Air Tactics and. E.E. Wilson **394**, 1767.
Developing the Fleet's Aircraft. A.H. Vito, Jr. **763**, 69.
F-12/SR-71 Program Cut (Notebook) **764**, 162.
Fighting Planes. H.H. Goodwin **363**, 718.
Flagplane **443**, 149.
Flying-Boats
Development, Influence of, on Sea Power. E.E. Wilson **416**, 1433.
R.R. Gurley **415**, 1302. **419**, 97.
with small airplane **384**, 235.
Future of the Seaplane. D.P. Kirchner **699**, 54. **703**, 107.
German flying boats and base ships **427**, 1255.
Helicopters
for Navy? J.R. Fredland **485**, 988.
in Antisubmarine Warfare. W.L. Jensen **725**, 36.
in Combat. E.L. Barker **585**, 1207.
in the Fleet. C.J. Burton **683**, 45.
in Review. (Pictorial) D.L. Small **622**, 1376.
Marine Amphibious Warfare, New Style (Pictorial) **570**, 903.
Proves Itself (Pictorial) **585**, 1214.
Versatile Windmills. M.W. Cagle **545**, 833.
Imaginative Aeronautics. C.L. Lewis **398**, 544.
Italian types **382**, 1779.
Japanese suicide: See: Kamikaze
Jets
Are Coming. M.W. Cagle **549**, 1343.
Come of Age. H.P. Lanham **578**, 371.
Fighters, Navy's (Pictorial) **592**, 659.
Light Attack Aircraft. H.F. Jaster (ProfNote) **700**, 119.
Low and Slow--Making Seaplane History. R.R. Boettcher **559**, 1041.
Mars, No Bettah de Kine. Andrew Serrell **654**, 857. **690**, 113.
Martin flying boat **394**, 1882.
Military Aircraft in Post-War Europe (Pictorial) **611**, 77.
Naval Aerial Menace Number One. J.A. Collett **474**, 1139.
New 'Copter Has Plane's Stability (Notebook) **726**, 140.
Night Fighters, Birth of Navy's. J.H. Trousdale, Jr. **592**, 621.
Noise of operation: See: Sound.
The Odd Ones (Pictorial) **811**, 71. **820**, 91. **822**, 96. **828**, 105.
P4M-1 Mercators **686**, 115.
Patrol Bombers, Role of. W.H. Morris **535**, 1049.
Patrol Planes
and Future. A.B. Vosseller **453**, 1577.
Controversy. E.M. Morgan **485**, 939.
Navy's (Pictorial) **598**, 1357.
"Pax River", The Naval Air Test Center (Pictorial) **802**, 93.
Piloted Aircraft to Stay **647**, 94.
Pulitzer Races, 1920-1925. **684**, 100.
Reconnaissance Drone--Present Weapon with a Future. George Cornelius **656**, 1093.
Reservicing Spotting Planes Underway During World War II **692**, 107.
Rocket Airplanes? W. Ley **460**, 835.
Saga of a Seagull. Bruce McCandless **651**, 515.
Seaplane
Assault. V.V. Utgoff **606**, 881. **611**, 91.
Toward a Nuclear-Powered. A.D. Struble **657**, 1168.
Six Firms to Submit Supersonic Jet Plans (Notebook) **730**, 171.
Target Drones **664**, 103.
Torpedoplanes in World War II. H. Woodhouse **466**, 1750.
Transport Aircraft for Armed Forces. (Pictorial) **572**, 1129.
U.S. Navy **369**, 1659. **391**, 1335. **465**, 1663.
Victory and B-29s. W.D. Lanier, Jr. **526**, 1563.
Wild-Goose Chase: Early Navy Work on Pilotless Aircraft and Ships. C.B. Mirick **521**, 947.
Wings "Breathe" in Laminar Plane (Notebook) **726**, 147.
World With Bulk Cargo Aircraft. J.D. Hayes **639**, 497.
Aviation--Aircraft Maintenance
A-7A Maintainability Program. J.J. Coyle (ProfNote) **747**, 142.
How the Navy Saves Dollars With Sense. E.W. King (ProfNote) **838**, 105.
Aviation--Aircraft Tests
Dozen 2,000-M.P.H. Jets Pass Tests (Notebook) **735**, 147.
XB-70 Valkyrie Trials (Notebook) **734**, 149.
Aviation--Commercial: America's Merchant Marine of the Air. W.H. Hessler **675**, 48.
Aviation--Distance Flights
Aerology and Hawaiian Flight. E.W. Stephens **384**, 209.
Early Attempted Flights to Europe over Greenland. W.H. Hobbs **551**, 39.
First Around-the-World Flight. M.A. Ransom **429**, 1589.
Historic Flight of Coral Sea Neptunes. M.W. Cagle **560**, 1129.
Maughan Spans Continent Between Dawn and Dusk (ProfNote) **259**, 1560.
Aviation--Flight Safety
Our Crowded Skies. R.J. Koch, Jr. **811**, 26. **818**, 93.
Aviation--Flight Training
NavCad or College Grad? J.E. Williams **830**, 49. **833**, 92. **837**, 95, 96.
Simulators in Flight Training: A Pilot's View. C.A. Wheal **884**, 50. **889**, 84.
Aviation--Germany
German Naval Aviation. E.L. Barker **569**, 731.
Straight-Up Supersonic Plane, VJ-101 (Notebook) **737**, 153.
Aviation--Great Britain
British Carriers and VTOL. John Fricker (ProfNote) **741**, 130.
Aviation insurance: See: Insurance.
Aviation--Italy: Communications for Italian Transatlantic Flight. E.W. Stone **378**, 1121.
Aviation--Japan
Bombardment, Effects of Aerial, in China. C.E. Coffin, Jr. **427**, 1317.
Japanese Naval Aviation. Toshikazu Ohmae and Roger Pineau **838**, 68. **847**, 95.
Kamikaze (suicide pilots): See: Kamikaze.
Rendezvous in Reverse. E.T. Layton **603**, 478. **606**, 897.
Suicide pilots: See: Kamikaze.
Yokosuka Naval Air Base and Japanese Naval Aviation. C.R. Stokes and T. Darling **541**, 339.
Aviation--Maintenance: Modular Aviation Package: Prototype Principle. J.J. Mulquin (ProfNote) **840**, 109.
Aviation--Marine Corps: "Right on the Button:" Marine Close Air Support in Korea. J.S. Thach **873**, 54.
Aviation--Medicine
Air Force Studies the Bends--Astronauts Foe (Notebook) **772**, 147.
C.C. Shaw **475**, 1264.
Flight Surgeon. C.C. Yanquell **883**, 46. **887**, 85.
Its Responsibilities and Problems. E. Liljencrantz **430**, 1753.
Low-Pressure Chamber and Aviation Training. C.F. Gell and M.C. Shelesnyak **500**, 1243.
Supersonics and. J.W. Welsh **550**, 1533.
Aviation--Naval: L.S.O. G.J. Borden **808**, 42.
Aviation--Personnel: A.E.D.O. A History and a Heritage. F.H. Featherston **780**, 33.
Aviation--Research
Research and Development Phase of Aircraft Procurement. L.S. Chambers (ProfNote) **684**, 121.
Self-Propelled Rescue Device Sought (Notebook) **789**, 156.
Slumbering V/STOL Program. J.R. Williford **733**, 74.
Aviation--Russia
Early Russian Shipboard Aviation (C&D) **830**, 101.
Soviet Naval Aviation. E.L. Barker **695**, 51.
Aviation--Training
Career Development for the Naval Flight Officer. S.F. Loftus **783**, 57. **786**, 110. **788**, 103, 104, 105.
Combat Readiness Air Wing Training (Pictorial). Ed Holm **762**, 96.
Military Pilot Training--Time for Improvement. W.A. Speer and J.B. Kusewitt **829**, 31.
Naval Air
Basic Training (Pictorial). Robert de Gast **744**, 95.
Training: A Change Is Needed. D.R. Wright (ProfNote) **804**, 115. **813**, 84. **815**, 83. **816**, 89. **817**, 92. **827**, 83.
Search and Rescue Helicopter Pilot Training (Pictorial). D.B. Marshall and R.D. Moeser **770**, 93.
Standardization: Brave New World of NATOPS. J.P. Lamers **731**, 62.
Aviation--United States

Aviation--United States (Cont.)
Amelia Earhart's Final Flight. F.X. Holbrook **816**, 48. **825**, 88, 91, 92, 93, 94.
Federal Aviation Act and the Navy. W.E. Muller **673**, 95.
Moffett Field (Pictorial) **651**, 537. **656**, 1117.
Naval Aeronautic Policies, 1904-42. H. Woodhouse **468**, 161.
Naval Aviation
in the Jet Age (Pictorial). G.E. Wheeler **657**, 1214.
in the Korean War. G.E. Wheeler **653**, 762.
in the Korean War (Pictorial) **653**, 766.
New Concept for Operational Readiness in Carrier Aviation. L.B. Green (ProfNote) **673**, 119.
Pulitzer Races, 1920-25. R.H. Rankin **679**, 67.
Aviators
See: Aeronautics. Pilots.
"Why Am I Not to Fly?" J.R. Poppen **400**, 811.
Aviators--Naval
Annapolis: Navy's First Aerodrome. Thomas Ray **824**, 34.
The First Three. Thomas Ray **821**, 34.
From Cockpit to Conn. R.F. Hunt **818**, 48.
Naval Aviation, The Beginning. Thomas Ray **815**, 32.
The Old and the Bold. W.D. Toole, Jr. **803**, 67.
Rebirth of the Blues **858**, 25.
Retention and the NAS Nugget (C&D) **829**, 106.
They Are Not Expendable. A.E. Weseleskey (ProfNote) **824**, 106. **833**, 101.
White Sheep or Black Sheep? (C&D) **834**, 96, 97.
Aviators--vs. Pilots
The Single-Seat Cockpit and the NFO (C&D) **887**, 82. **895**, 82.
In VS, the Enemy Has Been Found and the Enemy Is Us (C&D) **889**, 78. **890**, 83. **896**, 70.
In VS, the Enemy Has Been Found and the Enemy Is Us. S.L. Chappell (ProfNote) **884**, 120. **886**, 87.
Avigation. R.E. Byrd **301**, 229.
Avocet (U.S.) **847**, 98.
Awa Maru (Japan) **565**, 257. **567**, 557.
Let Pass Safely the. R.T. Speer **854**, 69. **857**, 88. **861**, 94.
Awards: Incentive Awards for Creative Thinking. J.W. Willis (ProfNote) **781**, 135. **785**, 106.
Awtrey, R.K.
Carrier Aviation Jargon (anecdote) **689**, 37.
Delicate Operation (anecdote) **689**, 47.
Exchange of Privileges (anecdote) **756**, 83.
Moonlight Work (anecdote) **856**, 62.
Sauce for the Gander (anecdote) **669**, 70.
Axene, Dean L.: "School of the Boat" for the Nautilus **633**, 1229.
Axite: Description of **115**, 730.
Axten, R.P.: In the Name of the Law (anecdote) **670**, 84.
Ayesha (yacht): Mucke, H. von, Ayesha. Tr. J.H. Klein, Jr. Illus. **166**, 1871. **167**, 43. **168**, 255.
Aylwin (U.S.): Antisubmarine Pioneering. F.G. Reinicke (OldNav) **752**, 168.
Ayres, D.R. **783**, 113. **787**, 114. **789**, 110.
New Way for Officer Fitness Reports (C&D) **778**, 108.
Azimuth
See: altitude and azimuth.
and Altitude Correction Nomogram (C&D) **797**, 107.
Circle: See: Compass.
Azores
General Armstrong (U.S. privateer) and British squadron, Fayal **410**, 503, 551.
Islands **340**, 843.
Nine Keys to Atlantic Defense. J.H. Guill **608**, 1077.
Submarine patrol **208**, 836.
Aztec (SS)
Loss of the. **171**, 1078.
The sinking of the. W.F. Gresham **172**, 1324.

B

B-2 (British submarine): Sunk in Collision **144**, 1652.
B-11 (British submarine): The B-11's plucky exploit in the Dardanelles **155**, 260.
B110 (Germany): Jutland from S.M.S. B110. K. Rheydt **399**, 689.
B. Sewall, (Model) **335**, 79.
Baarslag, Karl **698**, 111.
Man Who Hid the Cruiser Dresden **689**, 61.
Babb, J.A.: Helicopter ASW (C&D) **845**, 83, 85.
Babbitt, F.G.
Book Review **893**, 98.
Joe Fyffe (anecdote) **578**, 423. **582**, 881.
Submarine for the Tsar **806**, 46.
Babbitt, H.S.
On "Can graduation of compass into points be dispensed with? **156**, 515.
Proposed modification of personnel selection law **244**, 965.
Simplified method for computing fix **281**, 1300.
Babcock, J.V.: Paper Work Versus Brains **385**, 361.
Babenburg (Austrian cruiser): Description **104**, 958.
Baber, M.J.: NC-4: History Preserved (Johnston) (C&D) **801**, 128.
Bacchante (HMS): Trials **101**, 109.
Bach, C.A.
Know Your Men, Know Your Business, Know Yourself **854**, 42. **857**, 99. **859**, 90.
Leadership **186**, 1819.
Bachman, R.L.: Savannah, Pioneer Merchant Ship **703**, 81.
Bachmann, R.G.: Harbor Defense in Vietnam (ProfNote) **787**, 136.
Back-flash: See: Guns (ordnance), Accidents, Explosives.
Back to Sanity. Robert Strausz-Hupé **663**, 23.
Backfire bomber (Russia): Backfire: Long Shadow on the Sea-Lanes. W.D. O'Neil **889**, 26. **893**, 85. **898**, 81.
Backus, P.H.
Finite Deterrence, Controlled Retaliation **673**, 23. **679**, 104.
I Remember Pearl Harbor (Taussig) (C&D) **844**, 96.
Security and the Double Standard **706**, 37.
The Vulnerable Homelands **814**, 18.
Backus, Standish, Jr. (artist): Coast Guard icebreaker in Antarctic. February 1966 Cover.
Bacon: Defense Jellicoe's Jutland tactics **264**, 289.
Bacon and Dover Patrol. H.A. De Weerd **348**, 185.
Bacon, R.: Some Facts about Fisher and His Warships **445**, 392.
Bacon, R.H.S.
The battleship of the future **134**, 368.
The most pressing requirement of the navy (British) **135**, 904.
Bacteria: Use in war **261**, 1927. **270**, 1566.
Baden (SMS) **202**, 2071. **221**, 1097.
Baden-Baden (German): See: Rotor vessels. Ship That Sailed Without Sails.
Badger, C.J.: Speech of acceptance at unveiling of Sampson memorial window at U.S. Naval Academy **129**, 271.
Badger, O.C.
Faults of promotion **207**, 719.
History repeats **267**, 707.
Badger, R.J.: Distribution of the Line Officer **720**, 79.
Badges: See: Medals; Decorations.
Badung Strait, Battle of: Battle at Bali. W.P. Mack **484**, 825.
Baehr, H.W. **571**, 1027.
Bagby, L.W.: Selection of manpower at source **260**, 1675.
Bagby, W.: Naval mining and mines **274**, 2244.
Bagdad Railway
and the U.S. A. Gleaves **142**, 499.
Condition in 1912: **143**, 1171.
Bagley, D.H.: Shiphandling Difficulties (anecdote) **686**, 154.
Bagley, D.W. **333**, 1011.
Bagley, Glen D.: Conservation of heat losses from pipes and boilers **190**, 2828.
Bagley, W.H. 1974: **804**, 18, **809**, 99, 100. **815**, 88.
Bagley, Worth: Time of Great Challenge (C&D) **853**, 99.
Bahama Islands
The Cruise of Columbus in the. J.B. Murdock **30**, 449.
Does the U.S. need the Bahamas? **172**, 1310.
The Most Enjoyable Non-Career-Enhancing Billet in the Navy. R.A. Fliegel **892**, 40. **895**, 81.
Bahia (Braz. Scout) **284**, 2122.
Launched; description **129**, 287.
Bahrain
Orders U.S. Navy to Leave Dock Facilities (Notebook) **851**, 109.
Pearl of the Persian Gulf. K.A. Semmes **759**, 90.
Bahry, P.T., Jr.: The Most Enjoyable Non-Career-Enhancing Billet in the Navy (Fliegel) (C&D) **895**, 81.
Bailey, C.: On defense of our new naval stations **103**, 597.
Bailey Collection: See: Pictorial Section: Naval Actions in the American Revolution.
Bailey, W.H., Jr.: "...Now Relieve the Watch" (C&D) **849**, 98.
Baily, Stewart: Conflict in Transparent Scenarios (C&D) **885**, 82.
Bainbridge Naval Training Center: See: Pictorial Section.
Bainbridge (U.S.)
See: Cover Pictures--November 1962; New Navy.
Comments on the. (Pictorial). R.E. Peet **725**, 90.
Is Not the Answer. R.L. Brandenburg **731**, 36. **732**, 109. **735**, 104, 108, 109. **736**, 117, 120. **739**, 117.
Trials **103**, 699.
Bainbridge, William
See: Cover Pictures--June 1957.
An Evaluation of Commodore Bainbridge (C&D) **658**, 1348.
Bainbridge's Squadron (SecNotes) **344**, 1450.
Bainbridge Under the Turkish Flag. Livingston Hunt **280**, 1147.
Commodore William Bainbridge, USN (OldNav) **652**, 686.
Ford, T.G. **119**, 861.
Origin of Bainbridge County **661**, 101.
Saving the Big-Ship Navy. F.C. Leiner (OldNav) **893**, 76.
Baird, A.L. **444**, 256.
Indebtedness (Smith) (C&D) **795**, 109.
Ivy-Clad Man on Horseback (C&D) **749**, 106.
Baird, G.W.

Baird, G.W. (Cont.)
On Amalgamation, a failure? **117**, 309.
The Ash-hoist of the Albatross **41**, 279.
The USS Trenton **4**, 5. **9**, 443.
The Ventilation of Ships **13**, 237. **14**, 348.
Baird, H.C.: Narrative of Rear Admiral Goldsborough **365**, 1023, 1091. **369**, 1669.
Baird, H.T.: Wonderful World of Dilbert (Pictorial) (C&D) **796**, 103.
Baird, L.J.: Move Over, Admiral (anecdote) **635**, 61.
Baird's
Automatic Steam Trap **41**, 278.
Steam Steering Gear, Report on. D. Smith **35**, 815.
Bajak, Sigmund: Two-Two-Twelve-Three, The Brand-new Ball Game **815**, 53. **821**, 97.
Bakenhus, R.E.
British Memorial to United States Navy in World War **382**, 1720.
Panama Canal; maps, illus. **146**, 599.
Transportation system of a Navy Yard **147**, 1057.
Baker, A.D., III
Aegis (Meyer and Dalla Mura) (C&D) **893**, 87.
Book Review **823**, 99. **829**, 111. **874**, 86. **878**, 92. **893**, 96. **898**, 91.
Small Combatants
1972 (NavRev) **831**, 240. **837**, 86.
1973. II. The Oceanic Powers (NavRev) **843**, 238. **849**, 98. **851**, 75.
Soviet Major Combatants (Pictorial) **856**, 71.
Baker, Brent
An Act of Piracy (C&D) **873**, 81.
Collateral Mission Support: An Economic and Operational Necessity (ProfNote) **876**, 93.
Leakology: The War of Words **893**, 43. **896**, 65.
Baker, C.H.: Compound Engines **1**, 59.
Baker, C.S. **246**, 1326.
Looking Back at Turbulent Virgins **391**, 1260.
Some colorful Haitian history **255**, 723.
Baker, D.: Submarine capabilities and limitations **270**, 1398.
Baker, D.W.: Deep-sea Soundings **69**, 204.
Baker, G.E. **364**, 892.
Public Address System in Language Instruction **387**, 632.
Baker, J.S. **727**, 100.
Laser Gyroscope (ProfNote) **744**, 145.
Take Care of Your Men (C&D) **739**, 114.
Baker, R.K.: Tropical Africa's Nascent Navies **791**, 65.
Baker, R.N.S. **255**, 868.
Baker, R.W.: USS Sacramento (AOE-1) (NewNav) **739**, 164.
Baker, W.A.: Book Review **785**, 107.
Baker, W.D. **393**, 1693. **490**, 1603.
Baker, W.H.: The Helicopter: Hazardous at Any Height? **812**, 56. **818**, 95.
Bakewell, Charles M.: Moral training in preparation for war **149**, 157.
Baking: See: Cooking.
Balance of Power
A Balance of Powers. R.J. Barrett **830**, 18.
China: Nuclear Dragon. Scott Allen **832**, 43.
Delusion of Strategic Parity. L.J. Larsen **752**, 46.
A Holocaust for Happy Valley? Henry Young **885**, 52. **889**, 75.
Letter from a Friend (C&D) **837**, 87.
NATO's Southern Region: Problems and Prospects. Means Johnston, Jr. **863**, 47.
Stability and the Strategic Balance. J.I. Coffey **772**, 40.
Stalemate--Or? H.W. Baldwin **734**, 48.
United States at a Strategic Crossroads. Stansfield Turner **836**, 18.
Balance Sheet: Reginald Hargreaves **663**, 66.
Balbo, Italo **337**, 406. **354**, 1235.
Balboa, V.N. **360**, 220.
Balch, S. **256**, 875. **257**, 1131.
Balch, W. **256**, 875.
Baldridge, E.F.
Lebanon and Quemoy--the Navy's Role **696**, 94.
Politico-Military Policy in Today's Navy **673**, 31.
Baldridge, H.A. **279**, 923. **287**, 79. **300**, 167. **302**, 339. **311**, 77. **322**, 1093. **354**, 1212. **409**, 407. **452**, 1474. **456**, 251. **457**, 401. **463**, 1313. **464**, 1465. **475**, 1305. **476**, 1457. **477**, 1659. **479**, 103. **480**, 256. **481**, 414. **482**, 566. **485**, 199. **494**, 449.
Annapolis: early history **305**, 555.
Duty in Mexican waters **291**, 634.
Miniature Art Groups **478**, 1748.
Naval Academy Museum--First 100 Years **511**, 1007. **518**, 79.
Ship Models--Collections of Rogers, Sergison, and Pepys **429**, 1553. **432**, 249.
Sims--The Iconoclast **408**, 183. **412**, 918.
Three artists: Dunsmore, Reuterdahl and Metour **300**, 105, 121, 123.
Turner's Vesuvius **304**, 484.
Washington's visits to Colonial Annapolis **300**, 90.
Baldridge, J.A.
Bombed Out (anecdote) **644**, 1113.
January 1967 Cover (C&D) **771**, 127.
Baldwin, F.P.: On training ships **102**, 289.
Baldwin, H.S.
Aviation at Naval Academy **271**, 1632. **284**, 2003.
Navy and merchant service in behalf of amity **330**, 737.
Baldwin, H.W. **304**, 527. **371**, 100. **405**, 1624. **439**, 1336. **675**, 100. **717**, 123.
Book Review **834**, 99. **842**, 90.
CNO--Past, Present, and--Future? **726**, 33. **731**, 100.
Critical Tomorrows **718**, 23.
End of the Wine Mess **666**, 82.
Fulton and Decatur: An Unpublished Document **396**, 231.
Narrative of William Halford (Saginaw's gig) **391**, 1287.
Naval reserve training courses **338**, 513.
Newspapers and navy **334**, 1085.
Sea Power and Sea Law (C&D) **738**, 116.
Stalemate--Or? **734**, 48.
Three of a Kind **405**, 1606.
Baldwin, J.A.: United States Navy for the Future (Smith) (C&D) **822**, 94.
Baldwin, J.W.: Why Training in Sail? **427**, 1262. **430**, 1795. **431**, 98.
Baldwin, Loami: See Drydock One, Saga of
Baldridge, Mrs. H.A. **462**, 1164. **473**, 1011.
Baldwin, R.L.: Unanimous (anecdote) **599**, 43.
Baldwin (U.S.): Salvage Operation of USS Baldwin (DD-624). Frank Kalasinski (ProfNote) **708**, 138.
Baleares (Spain) **337**, 403.
Balearic Islands
Graveyard, American sailors **428**, 1495.
"Les Isles Baléares, Monsieur!" C. Moran **414**, 1101.
Baler, Siege of: Funston, Frederick. Letter regarding siege of Baler **135**, 921.
Balfour, Earl of: Death **327**, 462.
Bali, Battle at. W.P. Mack **484**, 825.
Balilla (HMS) **340**, 821.
Balkan States
Area and population of the Balkan states. (map) **149**, 277.
Plans and problems **349**, 449. **351**, 754. **906**, 352. **353**, 1056.
Balkan War--1912-13
The aftermath of the Balkan war **151**, 932.
The Balkan atrocities **152**, 1259.
First: Battles of Helles and Lemnos. K.L. Rankin **447**, 693.
Naval Strategy in the Balkan War **144**, 1691.
Notes on the Balkan War. Ralph Earle (maps) **145**, 333. **146**, 807.
Balkans: Peace in Adriatic. R.P. Stebbins **441**, 1617.
Ball Bearings
McGuire, H.D. **196**, 973.
Propeller shafting use **205**, 468.
Ballantine, J.W. **597**, 1256. **606**, 902. **611**, 90. **617**, 808. **623**, 107.
Asian Allies for America **608**, 1047.
Ballasting Navy Tanker. R.P. Whitemarsh **360**, 193. **382**, 1755.
Ballinger, R.F.: Submarine Development (C&D) **840**, 88.
Ballistic
Equations, Siacci's. W.W. Johnson **57**, 57.
missile defense system: Caesars, Sieges, and Anti-Ballistic Missile. P.R. Schratz **781**, 24.
missile submarines: Tomorrow's Fleet. J.D. Alden **887**, 119.
Pendulum: Photograph **135**, 810.
-Photographic Experiments. E.H.C. Leutze, Tr. **52**, 175.
Ballistics
See: Guns and gunnery
See also: Erosion of guns. Recoil.
Accuracy and probability of gunfire. Philip R. Alger. **108**, 936.
Accurate trajectories by mechanical integration. E.F. Eggert **191**, 71. **195**, 811. **200**, 1761.
Application of the Le Duc ballistic formula. G.L. Schuyler **157**, 905.
Determining the velocity of projectiles by photography **159**, 1661.
Does the mass increase with the velocity? 1910: **133**, 310.
Effect of the movement of gun platform on the trajectory. H.O. Stickney **122**, 729.
Effects of a crosswind on a projectile. H. Gillman **159**, 1658.
Erosion and ballistics: A rejoinder. Illus. **136**, 975.
Exterior ballistic problem of the anti-aircraft gun. G.J.N. Carpentier **161**, 183.
The Le Duc ballistic formulae. G.W. Patterson **143**, 885.
The Le Duc velocity formula **138**, 535.
Note on correction for wind. P. Charbonnier **151**, 888.
Notes on ballistic tables **109**, 209.
On internal ballistics. A.G. Hadcock **186**, 1870. **187**, 2134.
Review of Ingall's interior ballistics. J.H. Glennon **142**, 812.
Sarrau's velocity formula, modified for smokeless powder **138**, 531.
Some comments on erosion and ballistics. H.E. Yarnell **135**, 965.
Trajectories and their corrections. A.G. Kirk **198**, 1375.
Balloon Boat: Birth of the Aircraft Carrier (OldNav). W.T. Adams **770**, 162.
Balloon Cruiser (OldNav). A.E. Smith **871**, 70.
Balloon Signalling, Electric **65**, 125.
Balloons
See: Aeronautics.
Aeronaut--Mk. 1 (OldNav). G.E. Fant **832**, 90.
Barrage, Balloon, Japan's Rambling. J.B. Penfold **534**, 963.
First Above Battle Smoke. H.S. Mazet **616**, 655. **624**, 213.

International Balloon Race. T.G.W. Settle **362**, 521.
Kite **212**, 1565. **249**, 1935.
Races **247**, 1561. **318**, 677.
They Sailed the Skies (Pict.) J.G. Vaeth **792**, 90.
War uses in past **452**, 1524.
When the Race for Space Began. J.G. Vaeth **726**, 68.
Winning a bloon race. T.G.W. Settle **318**, 677.
Ballou, S.
Airplanes and coast defense **251**, 136.
Condition of American Navy **259**, 1509.
Faulty communications **312**, 89, **320**, 887.
Limitations of aircraft in naval warfare **267**, 746.
Navy Day, 1924: **262**, 1977.
Practicability of disarmament **302**, 268.
Seagoing aircraft **261**, 1795.
Tactical employment of aircraft **257**, 1133.
Ballreich, C.J. **376**, 835. **399**, 713. **405**, 1626. **487**, 1238. **630**, 937.
Piloting and Maneuvering Diagrams **403**, 1238.
Bally, J.: Nothing He Could Do (anec.) **850**, 37.
Balsam-wool **255**, 838.
Baltic, Incident in. G.F. Schultz **448**, 854. **450**, 1167.
Baltic Islands
Conquest of. G. von Koblinski **353**, 971. **358**, 1798.
Oesel Expedition **370**, 1720.
Baltic Sea
A Baltic Squadron for NATO? Edward Wegener **851**, 63. **856**, 99.
In naval policy, 1926: **285**, 2343.
"Sever" and the Baltic Bottleneck. C.L. Parnell **798**, 26. **805**, 88.
Should Be Sea of Peace (Nbk) **830**, 127.
Soviet Policy in the Baltic. H.G. Morgan, Jr. **686**, 83.
Strategic Importance of. T.G. Bidlingmaier **667**, 23.
Strategic Situation in. W. Hovgaard **391**, 1281.
Today's Polish Navy—Significance in the. A.P. Guzowski **693**, 67.
Tug of War in. W.H. Hessler **598**, 1301.
Baltic (SS) **328**, 553. **411**, 696.
See: Cover Pictures—October 1963.
Baltimore Sun
Merchant marine **331**, 881.
Misstatement on U.S. Navy tonnage **345**, 1562.
Naval Academy of today **249**, 1876.
Baltimore (USS) **206**, 587. **471**, 639. **479**, 33. **481**, 462.
See: Cover Pictures—October 1953.
1812: Farenholt, A. **128**, 1279.
Official Report of Behavior of USS. W.S. Schley **62**, 235.
Reconstructed, 1902: **101**, 135. **102**, 385.
Valparaiso affair, 1891: **148**, 1502.
Baltzly, F.: Convenient Preparation for Star Sights **405**, 1601. **409**, 403.
Balunek, A.A.
Fleet Observations, From the Fleet (Lang) (C&D) **878**, 86.
Give Us the Ships! **830**, 34. **837**, 92. **838**, 87.
Banana Boats (converted destroyers) **345**, 1594.
Banana Boats and Blockade Runners (OldNav). J.D. Alden **818**, 64.
Banckert (Neth. DD) **336**, 257.
Bancroft, G.: Founding of Naval Academy by Bancroft and Buchanan. H.F. Sturdy **392**, 1367.
Band, Marine: See: Marine Corps.
Band of Brothers **665**, 113.
Banghart, L.L.: New Concept in Navy Tactical Publications **851**, 56.
Banellis, C.E.: Worlds Apart (Edelstein) (C&D) **847**, 81.
Bangor (SS): Bangor case decision **165**, 1721.
"Bank, The." F. Luckel **360**, 204.
Bank of International Settlements **321**, 1007. **323**, 79. **325**, 254. **326**, 356. **328**, 565. **329**, 664. **341**, 986. **343**, 1282. **344**, 1428. **347**, 141. **348**, 307.
Bankhead, John P.: Port. **188**, 2269.
Banks, Louis: Naval Tradition and National Vision **725**, 42.
Bannat, S.J.
Ship-to-Ship Missiles (Eliot) (C&D) **849**, 89.
Situation Hopeless (anec.) **801**, 91.
Banner, R.H.: No Money—No Work (anec.) **636**, 191.
Bannerman, J.A.: What Do Lawyers Do? **887**, 54. **894**, 71.
Bannister, R.W. (co-author): See: D.G. Browning.
Baptism of ships: See: Christening of vessels.
Baquiri, The Land at. Jean Legrand **93**, 117.
Barbaro, J.R. **399**, 723.
Barbary States
Bainbridge under Turkish flag. L. Hunt **280**, 1147.
Barbary pirates. A.P. Niblock **242**, 571.
Barbary wars **357**, 1553.
Eaton's blockade of Tripoli. F. Howland **354**, 1186.
Barbary Wars
American Naval Officer in Mediterranean, 1802-7. M.L. Cooke and C.L. Lewis **465**, 1533.
Barbary Corsairs—Lesson in Appeasement and International Cooperation. A.E. Sokol **557**, 797. **579**, 542.
Blockade of Tripoli 1801-1802. F. Howland **418**, 1702.
Eaton, William—"Hero of Derne." C. Moran **458**, 497.
Edward Preble. F. Pratt **370**, 1683. **373**, 399.
Final Resting Place of Heroes of Barbary Wars. Mustapha Burchis and A.M. Johnson **643**, 969.
Lend-Lease Long Ago. W.C. Chambliss **537**, 1325.
Of Pirates and Rovers. C. Moran **410**, 511.
Preble and Philadelphia. A.B. Hoff **388**, 818.
Richard Somers. R.W. Daly **547**, 1139.
Shores of Tripoli
E.M. Eller **361**, 347, 411. **366**, 1192.
W.D. Lanier, Jr. **467**, 72.
Sicilian Auxiliaries, Commodore Preble's. C. Moran **431**, 80.
Tripoli Graves Discovered. A.P. Miller, Jr. **566**, 373.
Barber, F.M.
Anti-corrosive, Anti-fouling Composition **33**, 331.
The Destruction of the Maine. **87**, 515.
High Explosives in Warfare **58**, 231.
A Practical Method of Arriving at the Number, Size, Type, Rig and Cost of Vessels in U.S. Navy **38**, 417.
Barber, H.W. **678**, 105.
United States Alliance Policy **667**, 74.
United States Alliances East of Suez **677**, 67.
Barber, J.A.: The DER in MARKET TIME (C&D) **787**, 107.
Barber, J.A., Jr.: Book Review **812**, 91. **881**, 87.
Barber, R.: Comparison of Costs **417**, 1561.
Barber, S.B.: Sea Power and American Survival **697**, 51.
Barber's Point Caption Correction **673**, 103.
Barbosa, Ruy: Lessons of the Sea (anec.) **723**, 50.
Barde, R.E.: Incredible Midway (C&D) **775**, 106.
Bardes, G.W. **573**, 1256.
Barge Carriers: Ships of the U.S.-Flag Intermodal Fleet (NavRev). B.M. Kopec **867**, 212.
Barges and Barge Carriers
Barge-Carrier Bids Asked by Prudential Lines (Nbk) **774**, 152.
LASH and Seabee, New Ideas in Logistics (ProfNote). L.C. Kendall **792**, 140. **798**, 107. **799**, 111.
Un-common Carrier. C.E. Hislop **778**, 45.
Barham (England) **350**, 614. **356**, 1524.
Bari Incident, The. D.M. Saunders. **775**, 35. **779**, 101.
Baritz, J.J.: Revolutionary Warfare, the Soviet and Chinese Views. J.J. Baritz **775**, 84.
Barker, A.S.: The Firing of High Explosives from Great Guns **39**, 547.
Barker, B.D., III: 1962 Buenos Aires to Rio Race (ProfNote) **715**, 137.
Barker, C.S., Jr. **387**, 709.
Barker, E.L.
German Naval Aviation **569**, 731.
Helicopter in Combat **585**, 1207.
Naval Youth Programs **844**, 42. **851**, 84.
Soviet Naval Aviation **695**, 51.
War Without Aircraft Carriers **613**, 281.
Barker, F.V.: How navy helped them home **270**, 1415.
Barker, F.W.J.: Cordite **66**, 223.
Barker, M.E.: Service Schoolmaster **386**, 501.
Barker, W.C., Jr. **215**, 20.
Barkley, R.L., and F.D. Buckley: Carrier Crisis **481**, 345.
Barleon, J.S.
Distance without Stadimeter **528**, 187. **531**, 586. **532**, 715.
Naval Academy—A Suggested Mission **379**, 1268. **383**, 105.
Barnaby, Sir N.: Armor for Ships **52**, 91.
Barnacles: See: Fouling.
Barnard, J.H. **301**, 218.
Barnden, A.R.: ASW—Are We Missing the Boat? (C&D) **766**, 136.
Barnes, John S.: Naval literature **106**, 333.
Barnes, N.H.: Armored Train used by Forces at Alexandria **22**, 574.
Barnes, R.H.
German Submarine Action in World War I: **476**, 1440.
Japan's First Submarines **480**, 201.
Barnes, S.M.: Defense Planning Processes **736**, 26.
Barnes, W.C.: Promotion by selection **235**, 1487.
Barnes, W.E. **638**, 440. **676**, 120.
Changing Trends in Mediterranean Balance of Power 1935-1957: **661**, 53.
Plan for All Seasons (Lyon) (C&D) **803**, 100.
Barnet, S.M., Jr.: Power of Hollywood (anec) **552**, 187.
Barnett, G.
On defense of our new naval stations **103**, 589.
Sea training of marine officers **256**, 935.
Barnett, R.W.: Counterforce or Countervalue (Beavers) (C&D) **856**, 88.
Barney, J. **412**, 839.
Battle of Delaware Bay **432**, 231.
Captures General Monk (British Ship) **306**, 647.
Parker, T.D. Romance of Joshua Barney **164**, 1237.
Sword, sea chest, and pistols **432**, 237.
Barnstable County (LST-1197): See: J.M. Lang. Return to Egypt.
Barocyclonometer: The Aguê barocyclonometer **199**, 1632.
Barometer

Barometer (Cont.)
Evolution of **296**, 1129.
in High Southern Latitudes, The. N.H. Farquhar **5**, 113.
The Ships' Barometer (ProfNote). R.C. Benitez **662**, 124.
Barometric Pressure and Ocean Currents, Relations between. W.H. Beehler **70**, 443.
Barometric Pressure Changes, Interpreting. T.J. Raftery **385**, 358.
Barometric readings in millibars **454**, 1783.
Baron Driesen (Russian Ammunition ship): Destroyed by explosion **167**, 196.
Baron Gautsch (SS): Destroyed by mine **153**, 1575.
Baron, R.L.: Retention: The High Cost of Leaving (Fredland) (C&D) **808**, 108.
Barques: United States **338**, 451.
Barr, E.L.: The Navy signal system **146**, 583.
Barr, O.C.: Navy Medicine: A New Prescription (Flynn) (C&D) **824**, 96.
Barracouta (HMS) **341**, 881.
Barracuda (SS) **338**, 536.
Barranquilla (Col. gunboat) **334**, 1139.
Barratry: Silent Witness. E.F. Oliver **697**, 70. **701**, 103.
Barrett, C.D. **448**, 871.
Barrett, C.F.: "Dilbert Dunker" **504**, 173.
Barrett, R.J.
The All-Volunteer Army: Too High a Price (Kohn) (C&D) **858**, 93.
Balance of Powers **830**, 18.
Case for Anti-Ballistic Missiles (C&D) **778**, 111.
Embassy Marine (ProfNote) **772**, 134.
Foreign Service (ProfNote) **725**, 139.
Micronesia--Especial Trust (Morgiewicz) (C&D) **791**, 107.
Modern Realities in Naval and Foreign Affairs (Bucknell) (C&D) **847**, 90.
NATO's Planning Board for Ocean Shipping (ProfNote) **806**, 124.
Navy's Stake in Antarctica (Cromie) (C&D) **793**, 108.
Patience: Bedrock of Strategy in the 1960s (C&D) **747**, 112.
Permanent Joint Board on Defense (ProfNote) **736**, 149.
Seabees in the Diplomatic Service (ProfNote) **766**, 151.
SHAPE's New Headquarters (ProfNote) **797**, 139.
The Specialized Character of NATO (McClane) (C&D) **895**, 90.
The Trouble With Alliances (Etzold) (C&D) **895**, 90.
United Nations Peacekeeping **751**, 37. **755**, 110.
The War Powers: Constitutional Crisis **849**, 18.
Barrett, R.L.: Spanish Navy Today (ProfNote) **780**, 131.
Barrett, T.F.: Salvo-Less Naval Victory **581**, 745.
Barrington, S.: On Leeward Station. R.S. West, Jr. **475**, 1288.
Barron, Commodore James--Guilty as Charged? Jay D. Smith **777**, 79.
Barron, F.W.: Defense of coast fortresses **235**, 1611.
Barron, G.E. **654**, 895.
Barron, J. **329**, 637. **431**, 80.
Calkins, C.G. Decatur and Coleridge **127**, 917.
Duel with Commodore Stephen Decatur **132**, 1178.
Barron, S.
Letter of **333**, 988.
Rodgers, R.S. Closing events of the war with Tripoli, 1804-05: **127**, 889.
Signal code of Samuel Barron in facsimile **143**, 1040.
Youngest officer **365**, 1089.
Barry, D.J. **665**, 106.
Barry, Donald: British Navy in the Nuclear Age **656**, 1069.
Barry, E.B.
Addendum to "Operations of Navy and Marine Corps in the Philippine Archipelago, 1898-1902." A.P. Niblack **114**, 463. **115**, 698.
American naval policy **114**, 469.
The Combats on the Min River. Tr. **33**, 295.
Defense of our new naval stations **104**, 951.
Elements of fleet tactics **118**, 680.
Fleet and its personnel **110**, 417.
"Hints on naval tactics." **126**, 682.
Naval profession **123**, 1285.
Organization of ship's crews **130**, 565.
Promotion by selection **118**, 691.
Torpedo tubes in battleships **107**, 556.
Training ship **103**, 606.
U.S. Navy Department **114**, 484.
Barry, J.: Commission signed by Washington **277**, 481.
Barry, R.: What of Auxiliaries? **401**, 983. **419**, 99.
Barry, R.E. **403**, 1321.
Barry, Robert
Engineering Readiness Shot in the Arm: The Propulsion Examining Board (Madouse) (C&D) **894**, 63.
What of the Auxiliaries? 1936: **848**, 90.
Barry (USS): Launched **102**, 386.
Bartell, Robert: Mothball Fleet Is Obsolete (Heilinday) (C&D) **857**, 91.
Bartels, H.B.: Air Logistics and Fleet Support in the Navy: A New Career Path? (ProfNote) **896**, 92. **899**, 22. **900**, 23.
Bartels, M.C.: Back From the Bottom (ProfNote) **825**, 101.
Barth, J.E.: Review of Incredible Victory (C&D) **785**, 100.
Bartholomew (SS) **209**, 1079.
Bartlett, Donald: Vice Admiral Chuichi Hara, Unforgettable Foe **812**, 49. **816**, 84.
Bartlett, H.T.
Mission of aircraft with the fleet, illus. **195**, 729.
Rigid airships **252**, 161. **255**, 792.
Bartlett, J.R.
The Gulf Stream **20**, 221.
The Recent Investigations of the Gulf Stream **15**, 25.
Bartlett, O.: Destruction of S.M.S. Cormoran **342**, 1044. **345**, 1595.
Bartol, J.H., Jr.
Incentive Awards for Creative Thinking (C&D) **785**, 106.
Relative Bearing Navigation (ProfNote) **779**, 136. **786**, 115.
Bartolomeo Colleoni (It.) **352**, 926. **353**, 1076.
Barton, C.A.: Sharks: Navy Countermeasure Research (ProfNote) **872**, 115.
Barton, J.Q.: Subsistence at Alexandria **22**, 620.
Barton, John K.: On amalgamation, a failure? **117**, 306.
Baruch, B.M.: Taking profit out of war **277**, 550.
Barunga (Transport): Torpedoed **186**, 1941.
Base Rights Negotiation: Quest for Common Ground. E.F. Black **779**, 28. **792**, 102.
Baseball champions: "...Going, Going, Gone." (C&D) **850**, 88.
Bases
Admiral Cites Dwindling (Nbk) **796**, 152.
Overseas Bases--How Long for This World? E. F. Dissette **689**, 23.
U.S., British Seek Indian Ocean Island of Diego Garcia (Nbk) **755**, 151.
Will Widen U.S. Air Power, Instant, Portable Air (Nbk) **836**, 117.
Bases--Air: Thailand's Biggest U.S. Base Opens (Nbk) **764**, 161.
Bases--Naval Air: Instant Airfields Ashore (NewNav). W.P. Haight **753**, 168.
Basic Duplex Process **50**, 520.
Basic Training, New Approaches to. F.S. Thomas **656**, 1044.
Basic Underwater Demolition School (BUDS): Almost Beyond Human Endurance. W.M. Powers **898**, 60.
Basilisk (HMS) **330**, 753. **333**, 1038. **338**, 539.
Basoco, R.M.
and R.H. Webber: Kynda-Class Missile Frigates (ProfNote) **739**, 140.
Book Review **747**, 129.
Limes, Lemons, and Scurvy (C&D) **748**, 120.
Bass, R.D. **485**, 998. **494**, 446. **516**, 291. **518**, 577.
Bass, R.W. **523**, 1226.
Bass (USS) **338**, 536.
Bassler, R.E. **246**, 1332.
And the Walls Came Tumblin' Down (Ferguson) (C&D) **818**, 94.
Education and training of officer personnel **249**, 1818.
Englishman's Viewpoint (anec) **609**, 1232.
The NC-4: History Preserved (Johnston) (C&D) **804**, 91.
"Splice the Main Brace" **417**, 1588. **424**, 891.
Temporary vs. permanent detail of specialists **238**, 2101.
Tryon and Victoria **379**, 1270.
When Ship Movements Were Top Security (anec) **656**, 1062.
Bast, H.: Amphibious Mother Ship **541**, 333.
Bataan, Naval Battalion on. W.F. Prickett **693**, 72.
"Batavus" (non de plume): Strategic Importance of Netherlands **609**, 1201.
Batchelder, C.F., Jr. **609**, 1256.
Batcheller, E.H.
Can We Modernize U.S. Shipbuilding? (C&D) **759**, 116.
Practical Operational Studies (Allen) (C&D) **792**, 115.
Shipboard Habitability: Restricted Areas (Byington) (C&D) **827**, 92.
Batdorf, L.C. **632**, 1155.
Bateman, A.H.
Alas--for Romance **373**, 347.
Current Quarterly Allotment **370**, 1732.
Bates, C.C., and George Tselepis and Daniel Von Nieda: Needed: Shallow Thinking **789**, 43.
Bates, G.M.: Splash None! (anec) **587**, 29.
Bates, J.L.: Josephus Daniels and Naval Oil Reserves **600**, 171.
Bates, Mrs. G.H.: When Army Appreciated Navy (anec) **599**, 17.
Bathurst, Sir Frederick Hervey (joint author): See: Jac Weller.
Bathyscaphs
Navy Building New Bathyscaph (Nbk) **725**, 148.
Trieste
First Ten Years. G.W. Martin **738**, 52.
Gets Facelifting (Nbk) **735**, 147.
Battaglia, C.C.: Bloodless Weapon (Wyckoff) (C&D) **805**, 96.
Batten, L.W. **366**, 1190.
Batten, L.W., III
History as Guide to Naval Policy **544**, 743.
Lest We Forget **534**, 949.
1974 (Bagley) (C&D) **809**, 99.
Battenberg Cup **578**, 423. **583**, 989.
Batteries
Composition and Arrangement of Ships'. P.R. Alger **82**, 229.
Efficiency. H.A. Guthrie **341**, 923.
Explosions, Causes of Battery. H.A. Guthrie **329**, 629. **333**, 1025.
Methods of charging **243**, 870.
Water losses from submarine. J.F. Madden **339**, 606.
Battery
Explosions, Causes of. H.A. Guthrie **333**, 1025. **329**, 629.

Battery (Cont.)
The Secondary. F.K. Hill **88**, 737.
The Stevens. Michael Orth **760**, 92.
Battillo, Anthony (artist): USS Chicago under steam with sails secured—December 1975 Cover.
Battle
No Longer the Pay-Off? S.T. Possony **810**, 32.
of the Atlantic: See: Escort-of-Convoy, Still the Only Way.
practice: See: Fire control; maneuvers; target practice.
Battle Cruisers
See: Names of vessels.
An argument for battlecruisers **156**, 535. **159**, 1690.
Arrival of the battlecruisers. Yates Stirling **160**, 1919.
The Battlecruiser. E.F. Eggert **195**, 719.
Battlecruisers, a wise policy for France? 1913: **145**, 370.
British opinion of U.S. 1916 battlecruisers **166**, 1982.
Drawing showing appearance of U.S. battlecruisers, 1917: **167**, 148.
Early discussion of. See: Fullinwider, S.P.
England **350**, 614. **352**, 922, 925. **353**, 1071. **354**, 1220.
Fast Battle Wing. G.H. Hoffmann **426**, 1095.
The fleet and its personnel, 1904: **109**, 1.
The new battlecruisers, 1919: **198**, 1433.
On the battlecruiser. T.L. Johnson **197**, 1241.
On "Plea for the battlecruiser." T.G. Frothingham **160**, 2009.
On the super-battlecruiser idea. F.D. Roosevelt **194**, 660.
Plea for the battlecruiser. B.S. Bullard **160**, 1897.
Russian battlecruisers of 1913: **150**, 325.
Value of battlecruisers, 1912: **143**, 1149.
Battle Cruisers (CC)
France: See: Dunkerque.
Turkey **350**, 620. **351**, 701, 795.
Battlefield Guided Weapons: The Big Equalizer. P.A. Wilson **864**, 18. **869**, 78.
Battle-mindedness. R.A. Bowling **836**, 41.
Battles
Blanc Mont **323**, 1, 85. **324**, 89. **325**, 177. **326**, 304. **329**, 639.
Chemulpo **300**, 126.
Coronel **232**, 925.
Dogger Bank **232**, 917. **233**, 1188.
Essex and Phoebe **336**, 199.
Flamborough Head **327**, 371.
Future naval battle. J.B. Gautreau **347**, 117.
He is with the heroes. C.C. Hanks **347**, 18.
Kearsarge (US) and Alabama (CSS) **282**, 1681. **288**, 171.
Lessons from Gallipoli. W.C. Ansel **353**, 1001.
Manila Bay **350**, 499.
Mobile Bay **291**, 551. **327**, 375.
New Orleans **262**, 2041. **337**, 293.
Plattsburg **324**, 142.
Princeton **249**, 1848.
Siege and capture of Louisburg. W.C. Tyler **347**, 81.
Topolobainpo **290**, 455.
Trenton **249**, 1848.
Tsushima **232**, 923. **326**, 285. **329**, 591.
Valcour Island **322**, 1060. **324**, 142.
Wanhsien **291**, 527.
Yellow Sea **232**, 921.
Battleship
C.S. Stanworth **323**, 36.
design, deficiencies in: The Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
Non-sinkable. A. Gleaves, Tr. **46**, 599.
of the Future **95**, 543.
Superiority of the British **90**, 441.
Battleships
See: Correction **165**, 1623.
See also: Names of vessels.
Abolition vs. value **203**, 136. **204**, 303. **210**, 1303. **224**, 1646. **235**, 1630. **248**, 1714. **260**, 1756. **262**, 2087. **263**, 110. **265**, 467. **270**, 1548. **274**, 1347. **280**, 1255. **284**, 2077. **290**, 476. **314**, 348. **321**, 1003. **324**, 146. **344**, 1414.
Aircraft and **216**, 253. **246**, 1377. **263**, 154. **266**, 636. **268**, 1072. **306**, 710.
and Armored Cruisers, Our New. D.W. Taylor **96**, 593.
and uses. H.C. Bywater **277**, 407.
Approximate dimensions for a "compromiseless ship." **118**, 571.
Armament **277**, 509.
The armament of modern battleships **131**, 998.
Armor and speed. F. Beaufailhy. Tr. by P.R. Alger **122**, 717.
Arrival of the motor battleships, 1914: **155**, 203.
Austria **335**, 134.
Battle Fleet and World Air Power. P.M. Stanford **490**, 1533.
The battleship. E.F. Eggert **196**, 877.
The battleship of the future. R.H.S. Bacon **134**, 638.
Battleships. Ralph Earle **165**, 1413. **167**, 133.
Black Joke A.B.G.B.S. (All big gun battleship) **122**, 667.
British and German dreadnoughts, 1914: **150**, 507.
British and U.S. battleships: a comparison **150**, 507.
Capital ship size limit reached? 1914: **149**, 218.
Capital warcraft essential in oriental campaign. C.A. Tinker **281**, 1454.
Case for capital ship. G.C. Manning **286**, 2173. **291**, 586.
Chile **337**, 403.
Comparison of Argentine battleships Rivadavia and Moreno with USS Wyoming and USS Arkansas **135**, 890.
Comparisons **219**, 786. **237**, 1956.
Compromiseless ships. B.A. Fiske **115**, 549.
Cost of a battleship, 1919: **199**, 1627.
Design **216**, 281. **219**, 747. **225**, 1803. **241**, 483. **245**, 1221. **265**, 500. **271**, 1764. **273**, 2209. **285**, 2338. **309**, 1017. **333**, 1039.
Desirability of a uniform type in battleships. C.F. Goodrich **137**, 157.
Did not the American Navy invent and use the first dreadnought? W.B. Wetmore. Illus. **132**, 1259.
Discussion **97**, 115. **98**, 375.
Discussion of proposed new type of battleship. D.W. Taylor **102**, 272.
Disposition of guns in dreadnoughts **140**, 1453.
Effects of increasing the size of battleships. E.J. King **193**, 387.
Efficiency **356**, 1526.
Efficiency of the Dreadnought class, 1909: **130**, 615.
The efficiency of the small battleship **153**, 1512.
Eighteen-thousand-ton battleship advocated for U.S. Navy by R.D. Evans, 1905: **116**, 1009.
European powers' battleship strength, 1912: **145**, 405, 410.
Fast Battle Wing. G.H. Hoffmann **426**, 1095.
Fate of dreadnought. G.B. Vroom and W.O. Stevens **216**, 191, 568. **218**, 577. **223**, 1457.
First "all-oil" battleship, HMS Queen Elizabeth **150**, 578.
France **331**, 857. **336**, 255. **339**, 632. **342**, 1110. **345**, 1574. **347**, 125.
French battleships of 1913: **145**, 366.
Functions and types. A.O. Momm **292**, 652.
A further argument for the big ship. Richard Wainwright **119**, 1057.
Future Fleet. F.G. Percival **462**, 1075.
German dreadnoughts, 1913: **146**, 845.
Germany **339**, 632.
Handicap on U.S. Battleships **111**, 501.
Her Evolution. M.F. Talbot **423**, 645.
History repeats. O.C. Badger **267**, 707.
Importance of habitability for big ships **159**, 1689.
Importance of super-dreadnoughts **160**, 2028.
in Action. W. Laird Clowes **70**, 293.
in Light of Belle Isle Experiment **95**, 539.
Iowa-class: Instant Sea-Control Ships (C&D) **835**, 88.
Italian torpedo battleship, 1913: **147**, 1349.
Laboratory for Battleship. W.E. Strope **498**, 955.
Large vs. greater number of smaller battleships. T.L. Johnson **164**, 1079.
Launching the Battleships Kearsarge and Kentucky in 1898. (OldNav) A.C. Brown **774**, 158. **778**, 104.
Limitations of size of U.S. battleships **170**, 790.
Line-of-battle ships **423**, 653.
Maintenance **249**, 1889. **273**, 2188. **299**, 67.
Mikasa: Japan's Memorial Battleship. (Pict). W.M. Powers **878**, 69. **881**, 83. **882**, 80.
Needed: A Pocket Battleship. (C&D). M.E. Holbrook **777**, 101. **783**, 114.
New British warships (1914-1919): **193**, 426.
New Challenge for the USS New Jersey (BB-62) (Pict) **787**, 88.
New Method of Warfare. H. Woodhouse **470**, 539.
New type of battleship. M.A. Signor **101**, 1. **103**, 619.
New U.S. battleships, 1915. Description **156**, 541.
On Earle's "Battleships." I.I. Yates **167**, 131.
On increasing the size of battleships. Seaton Schroeder **195**, 807.
On proposed new type of battleship. P.E. Alger **102**, 269.
On size of battleships for U.S. Navy. J.H. Gibbons **106**, 435.
On size of battleships for U.S. Navy. T.G. Roberts **106**, 435.
Pocket, Value of **344**, 1414.
Post treaty naval design **273**, 2125. **276**, 316. **278**, 702. **283**, 1775.
Poundstone, Homer Clark, and All-Big-Gun Ship. D.R. Morris **544**, 707. **548**, 1293. **549**, 1427. **551**, 99.
Proposed armament for type battleship for U.S. Navy. H.C. Poundstone **106**, 377.
Proposed design of, 1910, Argentine battleships **134**, 595.
Proposed new type of battleship, 1914: **152**, 1191.
Protection of Modern Battleship. A.M. Procter **396**, 187.
Reactivation of the Battleship New Jersey (C&D) **792**, 107.
Replacement **320**, 896, 901.
Requisites of the battleship best adapted to the Italian Navy. R. Bernotti **129**, 189.
Rolling of, of the Royal Sovereign Class **69**, 201.
Scrapping and selling **220**, 945. **249**, 1909. **283**, 1804. **290**, 491.
Size **274**, 2349. **290**, 476. **297**, 1218.

Battleships (Cont.)
298, 1334. 317, 642. 344, 1411. 348, 296, 303.
Size of battleships for USN 105, 161.
Some Practical Notes on. E.W. Eberle 85, 111.
Spain 345, 1574.
Speed 296, 1124.
Speed of battleships. F.G. Percival 314, 273. 318, 714, 730. 320, 893. 321, 977. 328, 537.
Strength in action. W.F. Jacobs 175, 2005.
A submersible battleship? 151, 931.
A super-dreadnought? 1909: 130, 617.
A 3000-ton battleship for U.S.? 141, 338.
Truth about German "dreadnoughts", 1909: 130, 575.
Types and Tactics. B. Livingston 433, 311.
The unarmored battleship, 1918: 181, 666.
Usefulness of old warships 160, 2017.
Warships of the first line of battle. E. Ferretti 163, 991.
Welcome to the War. R.D. Heinl, Jr. 793, 58. 797, 119, 120. 798, 111.
Whatever Happened to the Battleship Oregon? (OldNav). J.D. Alden 787, 146. 791, 100.
World War I: The Battleships that Didn't Fight (OldNav). L.C. Van Huben 868, 88.
World's largest warship, 1912, HMS Queen Mary 143, 1170.
Battleships--England 233, 1194. 239, 136. 242, 673. 262, 2076. 265, 462. 328, 544. 337, 396. 339, 632. 341, 973. 342, 1109. 343, 1262. 344, 1417. 345, 1567, 1574. 347, 124. 348, 289. 350, 614. 351, 766. 354, 1220. 356, 1523. 357, 1675. 358, 1824, 1827.
Dreadnought Origins 650, 445.
Dummy 359, 57.
Fisher, Admiral Sir John: Reappraisal. A.J. Marder 469, 317. 471, 703.
Fisher and His Warships. F.G. Percival 438, 1097. 443, 97, 444, 307.
Fisher and His Warships, Some Facts about. R. Bacon 445, 392.
Fisher, Lord, Admiral of Fleet: Portrait of Progressive. B.S. Custer 529, 255.
Battleships--Japan 339, 632.
Battleship Banzai! W. Karig, R. Harris, and F.A. Manson 560, 1151.
Capital Ships. W.H. Morgan 485, 959.
Design and Construction of Yamato and Musashi. K. Matsumoto and M. Chihaya 608, 1103. 613, 334.
Japanese Battleship Mikasa 700, 99.
Japanese Battleship Statistical Corrections 695, 114. 702, 111.
Kongos
in World War II 555, 589.
in World War II. W.S. Howard 549, 1401.
Yamato, End of. M. Yoshida 588, 117.
Battleships--United States 277, 559. 330, 753. 333, 1063. 334, 1163. 335, 57. 339, 632. 341, 888. 344, 1416. 348, 289. 343, 1260. 350, 623. 353, 1067.
Battleship as Auxiliary Supply Ship. J.W. Stryker 536, 1181.
Case for Big Capital Ship. J.K. Taussig 449, 929. 453, 1627.
Conversion (Nbk) 728, 168.
Future of the Battleship 658, 1349.
Iowa-Class Battleships off Korea (Pict) 593, 785.
J.E. Hamilton 450, 1130.
Let's Use Our Battleships 714, 109.
Line-of-battle ships 425, 1083.
Missile Battleships (ProfNote). Anthony Harrigan 668, 123.
of the U.S. Navy (Pict). R.W. Ellis 720, 94.
Our First Battleship. H.A. Gosnell 373, 357.
Paid Dividends. W.H. Hessler 523, 1143.
Proposal...to Bring Back Iowa-Class Battleships (Nbk) 720, 152.
Ships of Line of Old Navy. L.H. Bolander 428, 1425.
Some Thoughts on Heavy Ships (Prof-Note). C.B. Brooks, Jr. 657, 1250.
The Stevens Battery. Michael Orth 760, 92.
USS Colorado: the "Other" Battleship. G.F. Shrader 886, 46.
USS Colorado: The "Other" Battleship. (C&D) 889, 84.
USS North Carolina Draws Big Crowd (Nbk) 729, 133.
Baudin, Pierre: Short sketch of career 145, 370.
Bauer, K.J.
Korean Expedition of 1871: 540, 197.
What Are You Up To, Sergei? 862, 32.
Bauer, W.M.: Celestial Navigation (anec) 631, 1015.
Bauersfeld, W.: Planetarium of Munich Museum 267, 761. 268, 1105.
Baughman, C.C.
Indian round table conference 340, 769.
Occupation of Dominican Republic. 274, 2306.
Pilot chart of upper air 300, 130.
Use of chemicals in war 291, 547.
Baum, C.M.: Universal drafting machine for plotting dead reckoning 184, 1287.
Baum, G.M.: Training with service pistol 246, 1309. 248, 1697.
Baum, G.M., Tr.
Daveluy, Rene. Maritime aviation 147, 1097.
Pietzker (Lt. Ger. Navy) Principles of naval aeronautics, 1910: 150, 389.
Baumer, W.H. 675, 105.
Baxter, J.P., III: 598, 1373.
First national shipping policy 210, 1251.
Baxter, W.J.
On American naval policy 113, 192.
The Statics of Launching 61, 67.
Suggestions for Increasing the Efficiency of our New Ships. Honorable Mention, 1895: 75, 439.
Time and Distance required to bring Ship to a Full Stop. 54, 441.
Bay of Fundy tides: See: Oceanography.
Bayan (Russian cruiser)
Description 105, 277. 120, 1604.
Launched; description 126, 725.
Bayano (HMS): Sunk by torpedo 157, 1005.
Bayer, R.J.: Is Military Unionization An Idea Whose Time Has Come? (Kane et al.) (C&D) 894, 68.
Bayern (SS) 225, 1800.
Bayley, F.S., Jr. 562, 1413.
Risky Rescue 578, 359. 584, 1105.
Bayley, W.W. 647, 94.
Bayly, L. 393, 1644.
Bayne, M.G. (BkRev) 762, 129.
Bayonet
drill: Japanese infantry 279, 972.
exercise: See: Swordsmanship.
Beach, E.L. 208, 903. 603, 565. 612, 222. 668, 113. 689, 67. 716, 106. 726, 104. 729, 104.
Book Review 775, 120.
The Frustration Factor (Shemanski) (C&D) 823, 91.
Manila Bay in 1898: 206, 587.
Our Duty Lies Before Us 551, 79.
Unlucky in June: Hiyo Meets Trigger 650, 376.
U.S. Nuclear-Powered Submarines (Pict) 774, 87.
You May Fire When Ready, Gridley (anec) 786, 118.
Beach, Edward L.
Courtmartial of Commodore David Porter 124, 1391.
Further notes on old bronze guns 125, 323.
Old French bronze guns at the Virginia Military Institute and at the Naval Academy. Illus. 121, 187.
On the naval profession 122, 843.
On "Navy yard problems" 143, 1097.
Our torpedo-boat flotilla 105, 117.
Pioneer of America's Pacific empire: David Porter 126, 543.
Results of Navy personnel law of March 3, 1899: 102, 233.
The training ship 101, 21.
Beagle (HMS) 330, 753. 334, 1137. 337, 397. 338, 539.
Beakley, W.M. 663, 118.
Beal, M.A. 711, 115.
Beale, E.F.
He Won Gold Dust Derby. A. Hamilton 559, 989.
Last Pathfinder: General Edward F. Beale, U.S. Navy (Ret.) J.O. Stull 756, 76.
Beale (USS) 258, 1344.
Beall, W.E. 692, 111.
Army Speaks a Foreign Language (anec) 783, 137.
Red Cross Serves All Hands 681, 79.
Beals, Victor: Oglala--Ship That Sank From Fright (Featherman) (C&D) 847, 88.
Beam Wireless 295, 1014.
Bean Counting, Operation 630, 933.
Beans and Bullets for Sea Lords (Prof-Note). R.C. Powers 814, 95.
Bear (U.S.) 259, 1578. 315, 411, 427. 353, 1093. 354, 1241.
See: Cover Pictures--January 1955.
Seagoing "Bear" for 71 Years 659, 95.
Stoutest Sailing Ship, Bear 89-Year Winner, Is Down (Nbk) 724, 159.
Bear and the Dragon. J.B. Wolf 801, 84.
Bear, C.N.
Reminiscences of an Old-Timer 394, 1772.
USS Pensacola, 1875: 383, 36.
Bear Flag Revolt 437, 973.
Bear That Swims Like a Fish. Kemp Tolley 820, 41. 830, 98.
Bear of Oakland (U.S. SS) 396, 212.
Beard, T.E.: Retirees--The Forgotten Men (C&D) 844, 94. 849, 91. 851, 87.
Beard, W.E.
Adventures of Old Glory 289, 318. 293, 797.
Fort Fisher Volcano 354, 1151.
Log of the C.S. submarine 165, 1545.
Scraps from old sea bags 306, 647.
War and aeronautics 178, 2879.
Yiykaejr gzqsywx. (Military ciphers) 186, 1829.
Bearings
Mitchell journal 219, 778.
Propeller shaft 205, 468.
Single collar thrust 218, 621. 222, 1308.
Béarn (Fr.) 235, 1549. 289, 354. 341, 980. 884, 97.
Beary, D.B. 340, 858.
Beattie, J.H.
Marine Collision (ProfNote) 712, 132.
Safer, Saner Seaways 814, 38.
Beatty, D. 330, 762. 399, 762.
Air control 329, 659. 330, 766.
Beatty, David: See: Gunboats in the Desert.
Beatty, Jutland tactics criticized 264, 289.
Beatty, Sir David: Admiral Beatty as First Sea Lord 175, 2056.
Beauchamp, R.R. 692, 113.
Beaufailhy, E.: Armor and speed. Tr. by P.R. Alger 122, 717.
Beaufort Wind Scale. F.J. Nelson 381, 1546.

Beaulac, W.L.: No More Vietnams? **837**, 18.
Beaumont, A.: Paintings **378**, 1041. **379**, 1332. **380**, 1393. **381**, 1645. **391**, 1247. **402**, 1087.
Beaumont, Arthur
Arneb—November 1960 Cover.
Hornet—January 1959 Cover.
John S. McCain—January 1960 Cover.
USS King (DLG-10)—March 1961 Cover.
Paul Revere—November 1959 Cover.
St. Paul—May 1960 Cover.
Beaumont, D.R. **696**, 107, 108.
By the Board Foot (anec) **710**, 69.
Beaumont, R.A.: "The One Best Way" to Oblivion? **790**, 37. **803**, 98, 99.
Beauregard, A.T. **346**, 1732. **348**, 312. **370**, 1828.
Argentina **457**, 313.
Bolivia **458**, 529.
Brazil **459**, 659.
Chile **460**, 815.
Colombia **461**, 961.
Ecuador **462**, 1151.
Nationalism and Internationalism **370**, 1747, 1828.
Paraguay **463**, 1299.
Peru **464**, 1399.
Uruguay **465**, 1553.
Venezuela **466**, 1684.
World War analogies 50 years before **294**, 862.
Beaver, J.J. Astor's **444**, 215.
Beavers, R.L.
Counterforce or Countervalue **854**, 18. **856**, 88, **857**, 97. **858**, 91.
They Are Not Heroes **842**, 46.
Beavers, R.L., Jr. **684**, 97, **690**, 114. 115.
SALT I (NavRev) **855**, 204.
Seapower and Geopolitics in the Missile Age **676**, 41. **678**, 102. **681**, 101.
Beavers, Roy
Doctrine for Limited War **812**, 26.
End of an Era **833**, 18. **838**, 92. **840**, 92. **845**, 93.
Beavers, Roy L.: An Absence of Accountability **875**, 18. **878**, 81.
Beavin, B.E.: Old Landmark Recovered at U.S. Naval Academy **528**, 145.
Beck, A.M.: Book Review **870**, 97. **873**, 87. **881**, 86.
Beck, H.C.: Progress Photograph (C&D) **811**, 96.
Beck, P.E.
Look Up! (ProfNote) **836**, 107.
Space: Another New Age (ProfNote) **845**, 114.
Space Shuttle Program—A Proposed Navy Role (ProfNote) **822**, 103.
U.S. Navy: Where Are You? (ProfNote) **818**, 101.
Beckenbach, J.R., Jr.: See: T.C. Hone.
Becker, A.E., Jr.
Personnel efficiency **345**, 1469.
Selection and Promotion in the Navy **387**, 671.
Becker, E.C.: See: Rheydt, K.
Becker profiler **134**, 522.
Becker, Robert: "The Seat of Your Pants Told You..." (C&D) **790**, 109.
Becker, W.C.: "AcDuTra": A Reserve's Judgment **769**, 70. **775**, 117, 118. **777**, 105.
Beckmann, A.G. **642**, 875. **675**, 105.
Bedal, W.S., II **690**, 116.
And There I Was, Flying Upside Down (anec) **720**, 150.
The Rambler (C&D) **772**, 108.
Bedford (HMS): Trials **103**, 642.
Bedford, I.C. **390**, 1158.
Bedford, S.R.: Making a smart ship **319**, 765.
Beebe, R.P. **399**, 716. **710**, 107. **721**, 108.
Guardians of Sea Power **688**, 27. **691**, 108, 109, 110. **887**, 88. **895**, 91.
New Type of Scout **399**, 679.
Operations in Restricted Waters **712**, 23.
Vital Key West Agreement **703**, 35. **710**, 107.
Beecher, A.M.: Wireless in U.S. Navy **103**, 771.
Beecher, L.H. (co-author): See: H.T. St. O. Woolley.
Beehler, W.H.
Changing the propellers of the USS Hopkins at the Naval Station, Key West, Fla., illus. **122**, 721.
Estimating distances **110**, 405.
Explosive Gelatine **18**, 473.
Hydrographic Office, Division of Marine Meteorology **67**, 267.
March to Witu by Landing Party from Gneisenau. (Tr.) **39**, 625.
The Navy, and coast defense **130**, 343.
On American naval policy **113**, 186.
Relations between Barometric Pressure and Ocean Currents **70**, 443.
Scandinavian Experiments with Submarine Mines. (Tr.) **16**, 121.
Selection of the West Indian naval base **131**, 749.
Skeleton models of modern ships, illus. **110**, 313.
The Solarometer: a Modern Navigating Instrument **73**, 131.
Strategic importance of naval base at Key West (maps) **126**, 606.
Submerged salt water storage for coal **118**, 545.
Beehler, W.P.
Lesson from war **290**, 440.
Some notes on boiler design **158**, 1251.
Beehler, W.P. (translator)
German Submarine Operations. A. Gayer **278**, 621.
The Italian-Turkish War, 1911-12, maps **142**, 721. **143**, 1069. **144**, 1549. **145**, 313.
Preparation in peace and success in war **143**, 893.
Review of Japanese naval financial policy **139**, 801.
Value of the Submarine in Naval Warfare. N. Spindler **279**, 835.
Beerens, Ronald: They Sailed to the Flying Boat's Future (C&D) **757**, 123.
Beerman, Thomas J.: Commended for conduct in U-boat attack **182**, 917.
Beers, H.P.: Historical Sketch of Office of Judge Advocate General, Navy Department **459**, 670.
Beesly, Patrick: Technology and Bargaining in Anglo-American Naval Relations: 1938-1946 (Leutze) (C&D) **897**, 83.
Behind flying bines. L.C. Stevens **330**, 720.
Behnke, J.: Sufficient Knowledge of the Language (anec) **851**, 41.
Behnke, John
High Cost of Survival (anec) **838**, 114.
Just Keep It Quiet (anec) **841**, 55.
Beito, E.A. **541**, 357. **544**, 768. **560**, 1184. **606**, 911. **630**, 943.
and R.A. MacGregor: Celestial Triangle—Solution by Slide Rule **571**, 1009.
New Type 1950 Nautical Almanac **562**, 1395.
Bekkedahl, C.L.
Discipline and the Profession of Naval Arms (NavRev) **891**, 186.
Pollution, We Do Our Part **802**, 40. **809**, 103.
Belch, K.R. **400**, 871.
Belechak, S.C., and W.R. Hand: German Command and Staff College (ProfNote) **802**, 147.
Belgian Navy Ship, New (Nbk) **791**, 151.
Belgian Prince (SS): Story of the loss of the Belgian Prince **177**, 2712.
Belgium
Air corps speed **343**, 1263.
Albert (king) given dictatorial power **283**, 1900.
Attack on Zeebrugge. H.H. Frost **313**, 177.
Belga: New coin **286**, 2635.
British assault on Ostend and Zeebrugge. K. Schultz **317**, 573.
French alliance opposed **336**, 275.
Limburg dispute **201**, 1943.
Navy suggested for Belgium, 1913: **147**, 1727.
Program, 1914: **149**, 192.
SHAPE's New Headquarters (ProfNote). R.J. Barrett **797**, 139.
Zeebrugge **255**, 861. **256**, 980.
Belgium—Navy: New Belgian Support and Command Ship (Nbk) **764**, 166.
Belknap, C.
The Naval Policy of the United States. Prize Essay, 1880: **14**, 375.
Notes from the Journal of T.A.M. Craven **44**, 119.
Notes from the Journal of T.A.M. Craven **45**, 301.
Ports in the West Indies **35**, 799.
Belknap-class frigate **825**, 106.
Belknap, G.E.: Some Aspects of Naval Administration in War, with its Attendant Belongings of Peace **16**, 263.
Belknap, R.R. **304**, 489. **314**, 357. **641**, 763. **667**, 111.
The auxiliary squadron **170**, 639.
Captain to his crew **226**, 1857.
Cruising in formation **141**, 195.
Half-Mast (anec) **597**, 1237.
In Sorrow, Not in Anger (anec) **565**, 301.
Military character **179**, 1.
Naval Base at Key West in 1898: **159**, 1443.
On organization of the ship **146**, 580.
On torpedo tubes in battleships **107**, 562.
Postgraduate department of the Naval Academy **145**, 135.
Private Reprimand (anec) **587**, 29.
Squantum, victory plant **216**, 177.
Strategy department Naval War College **230**, 547.
Study of strategy **239**, 1.
1923: **848**, 80.
Torpedo and submarine branches of the German Navy **165**, 1485.
What it means to be an officer **277**, 562.
Yankee mining squadron **202**, 1973. **203**, 5. **204**, 197.
Belknap (U.S.): Proceed to Assist...The Belknap Ablaze. R.C. Powers **882**, 100. **884**, 101.
Bell, A.G.
Telephone **417**, 1543.
Vision of wireless **421**, 405.
Bell, F.J. **361**, 468. **363**, 782.
Swing of Pendulum **363**, 641.
Bell, H.H., Jr. **518**, 578. **531**, 592. **535**, 1112. **556**, 715.
Bell, J.: Disarmament before 1914: **326**, 317.
Bell, J.D. (photog): A7E Corsairs from Squadron 25—October 1971 Cover.
Bell, J.H.: USS Bainbridge (DLGN-25) (NewNav) **717**, 168.
Bell, K.
King's Dock Number Two (anec) **555**, 575.
Sesquicentennial of Coast Guard Ensign **563**, 55.
Some Early Experiences with Iron and Steam at Sea **486**, 1093.
Bell, T.G.: Impact of Technology on Strategy (Hayward) (C&D) **844**, 96.
Bell, W.A.: Plucky Peewee (anec) **567**, 491.
Bell, W.H. **255**, 795.

Bell, W.H. (Cont.)
Joint author: See: Blackwood, Norman J. and Bell, W.H.
Principles of administration 172, 1173.
Bellatty, W.J. 418, 1763.
Belleau Woods: Battles for. E. Otto 309, 940, 995.
Bellerophon (HMS)
Illustration 131, 631.
Launched; description 123, 1299, 1304.
Napoleon on Board Bellerophon. D.M. Quynn 604, 628.
Belleville Boilers
British experiments 111, 642.
Efficiency of 102, 400. 106, 484, 510. 107, 787. 108, 986.
French Bellevilles 145, 369.
Belligerents and Neutrals 86, 384.
Bellingshausen Sea Operation. E.A. McDonald 691, 97.
Bellino, T.T.: Drug Abuse in the Navy (Pursch) (C&D) 820, 93.
Bellona (HMS): Account of various Bellonas 130, 581.
Bellows, G.E.: Polaris Duty: Pinnacle or Predicament? (C&D) 779, 107.
Bells: Reason for 3 at 7:30: 311, 14.
Belote, W.M. (BkRev): 881, 88.
Belsey, W.J.
Electric propulsion 306, 694.
Electric transmission gear 328, 549.
Belt, Haller: Glass of Port (anec) 660, 110.
Belt, R.W. 640, 659.
Belts: Steel power 209, 1137.
Belvidera (HMS): Engagement with USS President, 1812: 130, 478.
Benbow (HMS)
Description 146, 850.
Launched 149, 213.
Bence, R.L.: Countercurrents of South Caribbean 480, 227.
Bendel, R.: Just Like Columbus Said (anec) 605, 748.
Bendell, L.R.: Officer Appraisal in the Armed Forces (C&D) 754, 113.
Bender, J.C.: NESEP Program: A Leadership Problem? (C&D) 849, 100.
Bender, J.L. 707, 121.
Bender, L.D.: Gitmo—Vestige of Americana in Cuba (ProfNote) 850, 114.
Bends: See: Divers.
Benedetto Brin (Italian Battleship)
The Benedetto Brin trial 188, 2375.
Description 106, 481.
Benedict XV: Death of 229, 516.
Beneficial Suggestion Program: Benny Suggs—An Incentive Program? (C&D). F.E. Sollie 810, 103.
Benefits, Survivor—What Are They? Elton W. Grenfell 634, 1332.
Beneze, G. 398, 573.
Benge, H.B. 669, 108.
Benguela (SS): Attacked by submarine 176, 2394.
Benham (USS): Description 151, 866.
Benitez, R.C.
and P.B. Yeager: Law of the Sea and the Naval Officer 646, 1271.
Battle Stations Submerged 539, 25.
The Ship's Barometer (ProfNote) 662, 124.
Your Legal Rights and Obligations—Purchasing Home 585, 1183. 593, 793.
Benjamin F. Packard (U.S.) 799, 106.
Benjamin, Park
On anti-submarine inventions 174, 1847.
On the "Brood of the Constitution." 163, 925.
Bennehoff, O.R. 457, 403.
Bennett, A.B.
Apartheid: Shadow Over South Africa (Rondeau) and The South African Navy (Dodd) 887, 89.
Electronic Navigation: Precautionary Advice 866, 79.
Last of the Four-Pipers? (Langenberg) (C&D) 863, 85.
Bennett, F.M.
Naval Reform. Honorable Mention, 1894: 70, 251.
Voyage of the Dewey, Illus. 163, 925.
Bennett, Geoffrey: Potemkin Mutiny 679, 58.
Bennett, H.S.: Impact of Invasion and Occupation on Civilians of Okinawa 516, 263.
Bennett, L.H.: Command Leadership and the Black Serviceman 818, 42.
Bennett, L.L.: Old navy and coast guard 316, 569.
Bennett, M.D. and J.D. Alden: USS Grouper (AGSS-214) (NewNav) 733, 156.
Bennett, R.F.
Navy and Merchant Marine: Critical Coalition (Aber and Garber) (C&D) 814, 85.
U.S. Coast Guard—Armed and Ready 832, 35.
Bennett, Rawson 672, 121. 681, 113.
Bennett, Robert F.
A Case of Calculated Mischief 877, 76.
The Life-Savers: "For Those in Peril on the Sea" 877, 54.
Bennett, W. 504, 218.
Benney, Robert (artist): Battle of Midway—June 1967 Cover.
Bennington (U.S.) 388, 807. 463, 1234.
Disaster (OldNav). L.K. Strobel 794, 148. 798, 112. 799, 106.
Disaster to: Chandler, L.H. "Is Amalgamation a Failure? 116, 823. 161, 301.
In Quest of the Bennington Bell (C&D) 794, 111.
Benny Suggs—An Incentive Program? (C&D) 810, 103.
Benoliel, P.A. 695, 116. 712, 112.
This Way to the Egress (C&D) 766, 132.
Benson, H.H.J. 335, 138. 343, 1287. 592, 676.
Benson, J.P.: Paintings 368, 1385, 1389.
Benson, M.G.W.: Official Humor (anec) 846, 72.
Bensor, R.B.: The Navy Needs More Sailors (Bonds) (C&D) 881, 77.
Benson, R.S.
Book Reviews 734, 116. 775, 124.
Fleet Air Defense—Vital New Role of the Cruiser 664, 47.
Benson, W.H.: See: Burkhead, L.H.
Benson, W.S.: Our new merchant marine 284, 1941.
Bent arrow rule. H.K. Fenn 278, 674.
Bentley, Edward: Never Mind the Cost (anec) 686, 131.
Bentley, W.F. 584, 1105.
Benton, A.L.: Rehabilitation Needs of Returning Veteran 518, 517.
Benton (USS) 283, 1758.
Benzine from coal gas 228, 313.
Berc, H.T.: Admiral Marc Mitscher: A Naval Aviator (Burke) (C&D) 870, 87.
Berents, Ken: On Board a Sailing Ship (ProfNote) 887, 107.
Beresford, C. 342, 1060. 346, 1633.
Beresford, Lord Chas.: On Machine Guns 22, 585.
Beresford, S.M.: Naval Strategy in Outer Space 697, 33.
Berg, Eskil
Electric propulsion of ships 187, 2138.
Propulsion of ship, illus. 183, 1037.
Berg, R.D.: New Draft Dodge (anec) 712, 148.
Bergbauer, H.W., Jr.: The Near West 808, 47. 816, 84.
Bergen, Claus (artist)
"Battle of Jutland"—May 1972 Cover.
U-Boat Gun Crew in World War I—October 1965 Cover
Bergesen, A.O.R.: Middle of Road in Promotion 400, 804. 405, 1627. 409, 403.
Bergin, T.G. 671, 119.
Berquist, C.B. 668, 100.
Bergren, O.V. 680, 99. 684, 99.
Bering River Coal Investigating Expedition, 1912: See: Downey, J.O. 148, 1651.
Bering Sea ice 462, 1102.
Berkeley, Edmund, Jr. 784, 138.
Berkeley, J.P. 578, 424. 586, 1341.
Ultra Top Secret (anec) 773, 116.
Berkeley, L.M. 350, 592.
Addition-subtraction logarithms 336, 207.
Plea for decimal division of degree 314, 311.
Berkman, R.L.: Road to Wisdom 805, 58. 809, 109.
Berlin (German Cruiser): Interned at Drontheim 155, 252.
Berlin riots, March 1919: 194, 689.
Bermingham, J.M.
Active Service 434, 551.
"Ruse de Guerre" 426, 1156.
Ruse in Air Warfare 468, 225.
Bermuda
channel deepened 232, 1052.
Diving record, Nonsuch Is. 331, 871.
Flight to. H.P McIConnor 334, 1065.
race: See: Vamarie.
Triangle: Texaco Oklahoma: Another Bermuda Triangle Victim? (ProfNote). M.R. Adams 877, 109.
Bermuda (SS) 347, 127.
Bernadou, J.B.
The Development of Smokeless Powder 83, 495. 85, 25.
Firing and Regulations of Aim. Col. N. Zaboudski, Rus. Army. (Rev) 88, 807.
Naphtha Fuel for Warships (Tr.) 80, 763.
Naval Geography 49, 387.
Pressure of Smokeless Powder Gases in the Bore of Guns. N. Zaboudski (Tr.) 75, 537.
Pyro-Collodion Smokeless Powder 84, 645. 87, 605.
Bernardi, M. de: Wins Schneider cup 287, 104.
Bernatt, Stanislaw
Case of the Non-Commissioned Doctor (anec) 699, 47.
For Want of a Horse (anec) 700, 37.
Full Speed Ahead (anec) 687, 155.
Those International Websters (anec) 791, 55.
Bernay, Henri
French Commission on naval tactics. Tr. P.R. Alger 132, 1253.
Projectiles for naval guns. Tr. P.R. Alger 130, 533.
Berndtson, A.H.: Book Review 748, 125.
Berngard, M.: Naval Aspects of St. Lawrence Seaway 566, 379. 571, 1029.
Bernhardt, J.W.
and F. Hailey: Saga of Unsung—Destroyer Transports 504, 177.
Navy's Aperture Card System (ProfNote) 737, 137.
Bernotti, Romeo
Concentration of fire and the numerical strength of a division. Tr. C.C. Gill and A.F. Westcott 150, 403.
The day torpedo-boat attack. Tr. W.N. Jeffers 152, 1155.
Forecasts and reality in the naval war. Tr. A.F. Westcott 180, 317.
Fundamentals of naval tactics. Tr. H. P. McIntosh 139, 877. 140, 1299. 141, 227. 142, 677.
Italian Naval Policy Under Fascism 641, 722.
Requisites of the battleship best adapted to the Italian Navy and consideration of its tactical employment. Tr. H.P. McIntosh 129, 189.
The Torpedo in capital ships. Tr. Thomas Withers, Jr. 154, 1775.
Bernstein, F.J.: Sovereignty and the SLBM

Bernstein, F.J. (Cont.)
(C&D) 766, 131.
Bernstein, J.: Russia's Disappearing Sea 621, 1240.
Berrien, T.R.: Signal question in the Atlantic fleet 156, 409.
Berry, A.G. 405, 1624. 407, 102.
On American naval policy 113, 185.
Shaw-Aquitania collision 285, 2275.
Berry, F.A., Jr. 456, 253.
Berry, R.W.: Pentagon's Whiz Kids (C&D) 764, 123.
Berry, W.: HMS Nelson and Rodney 316, 543.
Berryman, E.T.: The First Three (OldNav) 892, 62.
Bertillon System. A. McCrackin 54, 361.
Bertoni, Dante (artist): Benjamin Franklin (SSBN-640) at New London--September 1972 Cover.
Bertsch, F.S., III: Nobody asked me, but...881, 84.
Berwick (HMS) 356, 1524. 443, 149.
Boiler accident on board 110, 444.
Collision with HMS Tiger 126, 714.
Beskin, G.S.: Public Relations 463, 1296.
Bess, David: An Act of Faith and Hope 865, 43. 869, 81.
Bessarabia
Annexed to Roumania 184, 1425.
Russian aims in 255, 867.
Bessels, Emil: Smith Sound and its Exploration 30, 333.
Bestler, J.M.: Straight Ahead and Park Here (anec) 662, 59.
Bethel: Frothingham, T.G., Ship Bethel 200, 1695.
Bethell (U.S.): See: Cover Pictures--February 1959.
Bethenod wireless system: Description 144, 1689.
Bethesda: See: Hospitals.
Bethlehem Iron Company, Description of Works. W.H. Jaques 51, 531.
Bethlehem Shipbuilding Co.
Makes world's shipbuilding record 200, 1781.
Record in building Reid 206, 531.
Bethlehem Steel Company: Bethlehem proving ground in 1916: 166, 1999.
Bettis, C.: Wins Pulitzer Trophy race 274, 2379.
Bettolo, Giovanni: Sketch of career 163, 939.
Beukelsdijk (U.S.) 457, 453.
It Won't Happen This Time. F.M. Curran 455, 56.
Beukema, Herman 648, 222.
Bey, Behzat Ahmet (artist): Battle of Preveza, 1538--August 1973 Cover.
Beyer, B.H.: Family Trait (anec) 679, 57.
Beyer, H.G.
Examination of Navy Yard Apprentices 94, 341.
First Aid to the Injured and Transportation of the Wounded. Six Lectures Delivered at the Naval Academy 63, 343.
The Growth of U.S. Naval Cadets 74, 297.
Gunshot Injuries 69, 149.
The Hygiene of the Navy Ration 91, 607.
Military Training 81, 311.
On prevention of infectious diseases 109, 155.
Significance of over-crowding 112, 759.
Some hygienic precautions to be observed in training 111, 537.
Beyer, M.W.: Afternoon Tea (anec) 594, 875.
Beyer, S.E.: Why Not Standardize Shipboard Training? (ProfNote) 703, 134.
Beyond Suez--A New Dimension of Sea Power. G.H. Miller 660, 78.
Bianchi, H.K.: N.S. Otto Hahn--Germany's First Nuclear Ship (ProfNote) 809, 119.
Bibbler, W.R.
Newsman in Vietnam (Blanchard) (C&D) 796, 115.
Pollution--We Do Our Part (Bekkedahl) (C&D) 809, 105.
Bibby, L.H. 678, 104.
Bibliographies
Books of Interest to the Professional. Jack Sweetman 876, 89. 877, 133. 878, 95. 880, 89. 881, 90. 882, 88. 883, 91. 884, 109. 885, 90. 886, 96. 888, 89. 889, 92. 890, 95. 892, 98. 893, 102. 894, 77. 895, 105. 896, 83. 897, 98. 898, 95.
Guide to Reading on Vietnam. L.A. Humphreys and Janet Colson 774, 113.
Middle East, What to Read on the. Carl Leiden 859, 107.
Notable Naval Books of:
1963. R.M. Langdon 730, 126.
1965. R.M. Langdon 754, 124. 758, 136.
1966. R.M. Langdon 766, 138.
1967. (C&D) 788, 106.
1967. R.A. Lambert 778, 115.
1968. R.A. Lambert 790, 114.
1969. R.A. Lambert 802, 125.
1970. R.A. Lambert 814, 81.
1971. R.A. Lambert 826, 97.
1972. R.A. Lambert 838, 99.
1973. R.A. Lambert 850, 100.
1974. R.A. Lambert 862, 97.
1975. Jack Sweetman 875, 87.
1976. Jack Sweetman 887, 95.
the First 100 Years, 1873-1973. R.A. Lambert 848, 151.
Periodicals List (ProfNote) 707, 150.
Professional and General Periodicals for Naval Officers. K.W. Sayers 789, 118.
Professional Reading 865, 91. 866, 95. 869, 91.
Jack Sweetman 868, 96. 870, 101. 871, 91. 872, 108. 873, 89. 874, 88.
R.A. Lambert 776, 121. 777, 121. 779, 119. 780, 117. 781, 123. 782, 111. 783, 121. 784, 123. 785, 115. 786, 129. 787, 125. 788, 123. 789, 127. 791, 121. 792, 123. 793, 127. 794, 127. 795, 123. 796, 121. 797, 131. 798, 127. 799, 131. 800, 131. 801, 135. 803, 111. 804, 103. 805, 105. 806, 111. 807, 117. 808, 117. 809, 115. 810, 113. 811, 91. 812, 93. 813, 93. 814, 91. 815, 91. 816, 93. 817, 97. 818, 99. 820, 97. 821, 101. 822, 101. 823, 101. 824, 101. 825, 99. 827, 98. 828, 110, 829, 115. 830, 111. 832, 117. 833, 109. 834, 104. 835, 103. 836, 104. 837, 102. 839, 103. 840, 102. 841, 111. 842, 97. 844, 101. 845, 104. 846, 103. 847, 103. 849, 103. 851, 93. 852, 101. 853, 106. 854, 109. 856, 109. 857, 107. 858, 101. 859, 109. 860, 99. 861, 109. 863, 94. 864, 92.
R.M. Langdon 731, 114. 732, 125. 733, 127. 734, 124. 735, 124. 736, 132. 737, 122. 738, 132. 739, 128. 740, 112. 741, 123. 742, 116. 743, 116. 744, 130. 745, 116. 746, 124. 747, 134. 748, 131. 749, 123. 750, 129. 751, 128. 752, 122. 753, 132. 755, 131. 756, 121. 757, 133. 758, 149. 759, 137. 760, 136. 761, 135. 762, 133. 763, 135. 764, 141. 765, 143. 767, 113. 768, 129. 769, 123. 770, 125. 771, 135. 772, 121. 773, 127. 774, 125. 775, 129.
Recent Oceanographic Literature. R.D. Plunkett 744, 125.
Third Thursday Society: A Professional Experiment (ProfNote). J.T. Strong 787, 143.
Bibliographies--Aviation: Military Aircraft. Harold Andrews 732, 116. 733, 122.
Bickelhaupt, I.A.: Perfect Squelch (anec) 595, 993.
Bicentennial
Appraisal of the U.S. Navy. J.L. Holloway, III 881, 18. 886, 90.
The Sea in the Making of America. C.G. Reynolds 881, 36. 887, 88.
"Steady as You Go!" F.B. Sayre, Jr. 886, 110.
Biddle, Edward: Captain Nicholas Biddle (Continental Navy), 1750-1778: 175, 1993.
Biddle, James 329, 636. 338, 474. 444, 214.
Biddle, Perry, and Japan. R.A. von Doenhoff 765, 78.
Luce, Stephen B.: Commodore Biddle's visit to Japan in 1846: 115, 555.
Portrait 167, 83.
Voyage to Japan in the Columbus and Vincennes, 1846: 137, 239.
Biddle, Nicholas: Biddle, Edward. Captain Nicholas Biddle (Continental Navy) 1750-1778: 175, 1993.
Bideford (HMS) 334, 1138.
Bidlingmaier, T.G.F. 676, 102.
Exploits and End of the Battleship Bismarck 665, 77.
Strategic Importance of the Baltic Sea 667, 23.
Bidou, Henri: The enemy's tactics 187, 2230.
Bieg, V.N.
Casualties and experience 148, 1585.
Naval men and their management 158, 1173.
Responsibilities and duties of naval officers of the U.S. in educating the public on professional matters 200, 1751.
The submarine and the future 155, 151.
War and naval engineering 206, 539.
What can be done to improve engineering in our navy today 173, 1463.
Bierer, B.B.: Punishment for certain offenses 109, 201.
Biesemeir, H.W.: Salvage (ProfNote) 650, 453.
Big Bertha, 1855 Style. W. Ley 456, 199.
"Big Berthas": Fate of 252, 313.
"Big Brotherism": "Get off my Back, Sir!" R.E. Mumford, Jr. 894, 18. 898, 77.
Bigelow, R.P.: Wireless in Warfare, 1885-1914: 576, 117. 581, 763. 583, 989. 587, 87.
Biggar, P.E.: Air Warfare's Adolescent Years, 1914-1918 (Emmott) (C&D) 869, 81.
Biggs, B.B. 617, 815.
Oil Is Everybody's Problem 591, 503.
Biggs, W.P. 419, 100.
Bigley, T.J.: Office of International Security Affairs 758, 61.
Bikini: See: Atomic Bomb.
Bikini Atoll, Baker Day at: See: Cover Pictures--November 1953.
Bilac, Olavo: The Sea (anec) 724, 73.
Biles, J.H.
Merchant Steamers and War Requirements 91, 682.
Steam turbines applied to ocean liners 116, 1017.
Biles, Sir John: Steam or oil engines? 269, 1278.
Bilge diving: Rust and corrosion 364, 808.
Bilge Keels 74, 429.
Notes on. F.T. Bowles 32, 119.
Bilges, Hygienic Notes on Ship's. C.F. Goodrich 2, 93.
Bill, D.S., Jr. 727, 99, 100.
Amphibious Assault--Fast, Flexible, and Powerful 716, 47.
Our New Landing Ships (ProfNote) 669, 126.

Bell, W.H. (Cont.)
Joint author: See: Blackwood, Norman J. and Bell, W.H.
Principles of administration **172**, 1173.
Bellatty, W.J. **418**, 1763.
Belleau Woods: Battles for. E. Otto **309**, 940, 995.
Bellerophon (HMS)
Illustration **131**, 631.
Launched; description **123**, 1299, 1304.
Napoleon on Board Bellerophon. D.M. Quynn **604**, 628.
Belleville Boilers
British experiments **111**, 642.
Efficiency of **102**, 400. **106**, 484, 510. **107**, 787. **108**, 986.
French Bellevilles **145**, 369.
Belligerents and Neutrals **86**, 384.
Bellingshausen Sea Operation. E.A. McDonald **691**, 97.
Bellino, T.T.: Drug Abuse in the Navy (Pursch) (C&D) **820**, 93.
Bellona (HMS): Account of various Bellonas **130**, 581.
Bellows, G.E.: Polaris Duty: Pinnacle or Predicament? (C&D) **779**, 107.
Bells: Reason for 3 at 7:30: **311**, 14.
Belote, W.M. (BkRev): **881**, 88.
Belsey, W.J.
Electric propulsion **306**, 694.
Electric transmission gear **328**, 549.
Belt, Haller: Glass of Port (anec) **660**, 110.
Belt, R.W. **640**, 659.
Belts: Steel power **209**, 1137.
Belvidera (HMS): Engagement with USS President, 1812: **130**, 478.
Benbow (HMS)
Description **146**, 850.
Launched **149**, 213.
Bence, R.L.: Countercurrents of South Caribbean **480**, 227.
Bendel, R.: Just Like Columbus Said (anec) **605**, 748.
Bendell, L.R.: Officer Appraisal in the Armed Forces (C&D) **754**, 113.
Bender, J.C.: NESEP Program: A Leadership Problem? (C&D) **849**, 100.
Bender, J.L. **707**, 121.
Bender, L.D.: Gitmo--Vestige of Americana in Cuba (ProfNote) **850**, 114.
Bends: See: Divers.
Benedetto Brin (Italian Battleship)
The Benedetto Brin trial **188**, 2375.
Description **106**, 481.
Benedict XV: Death of **229**, 516.
Beneficial Suggestion Program: Benny Suggs--An Incentive Program? (C&D). F.E. Sollie **810**, 103.
Benefits, Survivor--What Are They? Elton W. Grenfell **634**, 1332.
Beneze, G. **398**, 573.
Benge, H.B. **669**, 108.
Benguela (SS): Attacked by submarine **176**, 2394.
Benham (USS): Description **151**, 866.
Benitez, R.C.
and P.B. Yeager: Law of the Sea and the Naval Officer **646**, 1271.
Battle Stations Submerged **539**, 25.
The Ship's Barometer (ProfNote) **662**, 124.
Your Legal Rights and Obligations--Purchasing Home **585**, 1183. **593**, 793.
Benjamin F. Packard (U.S.) **799**, 106.
Benjamin, Park
On anti-submarine inventions **174**, 1847.
On the "Brood of the Constitution." **163**, 925.
Bennehoff, O.R. **457**, 403.
Bennett, A.B.
Apartheid: Shadow Over South Africa (Rondeau) and The South African Navy (Dodd) **887**, 89.
Electronic Navigation: Precautionary Advice **866**, 79.
Last of the Four-Pipers? (Langenberg) (C&D) **863**, 85.
Bennett, F.M.
Naval Reform. Honorable Mention, 1894: **70**, 251.
Voyage of the Dewey, Illus. **163**, 925.
Bennett, Geoffrey: Potemkin Mutiny **679**, 58.
Bennett, H.S.: Impact of Invasion and Occupation on Civilians of Okinawa **516**, 263.
Bennett, L.H.: Command Leadership and the Black Serviceman **818**, 42.
Bennett, L.L.: Old navy and coast guard **316**, 569.
Bennett, M.D. and J.D. Alden: USS Grouper (AGSS-214) (NewNav) **733**, 156.
Bennett, R.F.
Navy and Merchant Marine: Critical Coalition (Aber and Garber) (C&D) **814**, 85.
U.S. Coast Guard--Armed and Ready **832**, 35.
Bennett, Rawson **672**, 121. **681**, 113.
Bennett, Robert F.
A Case of Calculated Mischief **877**, 76.
The Life-Savers: "For Those in Peril on the Sea" **877**, 54.
Bennett, W. **504**, 218.
Benney, Robert (artist): Battle of Midway--June 1967 Cover.
Bennington (U.S.) **388**, 807. **463**, 1234.
Disaster (OldNav). L.K. Strobel **794**, 148. **798**, 112. **799**, 106.
Disaster to: Chandler, L.H. "Is Amalgamation a Failure? **116**, 823. **161**, 301.
In Quest of the Bennington Bell (C&D) **794**, 111.
Benny Suggs--An Incentive Program? (C&D) **810**, 103.
Benoliel, P.A. **695**, 116. **712**, 112.
This Way to the Egress (C&D) **766**, 132.
Benson, H.H.J. **335**, 138. **343**, 1287. **592**, 676.
Benson, J.P.: Paintings **368**, 1385, 1389.
Benson, M.G.W.: Official Humor (anec) **846**, 72.
Bensor, R.B.: The Navy Needs More Sailors (Bonds) (C&D) **881**, 77.
Benson, R.S.
Book Reviews **734**, 116. **775**, 124.
Fleet Air Defense--Vital New Role of the Cruiser **664**, 47.
Benson, W.H.: See: Burkhead, L.H.
Benson, W.S.: Our new merchant marine **284**, 1941.
Bent arrow rule. H.K. Fenn **278**, 674.
Bentley, Edward: Never Mind the Cost (anec) **686**, 131.
Bentley, W.F. **584**, 1105.
Benton, A.L.: Rehabilitation Needs of Returning Veteran **518**, 517.
Benton (USS) **283**, 1758.
Benzine from coal gas **228**, 313.
Berc, H.T.: Admiral Marc Mitscher: A Naval Aviator (Burke) (C&D) **870**, 87.
Berents, Ken: On Board a Sailing Ship (ProfNote) **887**, 107.
Beresford, C. **342**, 1060. **346**, 1633.
Beresford, Lord Chas.: On Machine Guns **22**, 585.
Beresford, S.M.: Naval Strategy in Outer Space **697**, 33.
Berg, Eskil
Electric propulsion of ships **187**, 2138.
Propulsion of ship, illus. **183**, 1037.
Berg, R.D.: New Draft Dodge (anec) **712**, 148.
Bergbauer, H.W., Jr.: The Near West **808**, 47. **816**, 84.
Bergen, Claus (artist)
"Battle of Jutland"--May 1972 Cover.
U-Boat Gun Crew in World War I--October 1965 Cover
Bergesen, A.O.R.: Middle of Road in Promotion **400**, 804. **405**, 1627. **409**, 403.
Bergin, T.G. **671**, 119.
Berquist, C.B. **668**, 100.
Bergren, O.V. **680**, 99. **684**, 99.
Bering River Coal Investigating Expedition, 1912: See: Downey, J.O. **148**, 1651.
Bering Sea ice **462**, 1102.
Berkeley, Edmund, Jr. **784**, 138.
Berkeley, J.P. **578**, 424. **586**, 1341.
Ultra Top Secret (anec) **773**, 116.
Berkeley, L.M. **350**, 592.
Addition-subtraction logarithms **336**, 207.
Plea for decimal division of degree **314**, 311.
Berkman, R.L.: Road to Wisdom **805**, 58. **809**, 109.
Berlin (German Cruiser): Interned at Drontheim **155**, 252.
Berlin riots, March 1919: **194**, 689.
Bermingham, J.M.
Active Service **434**, 551.
"Ruse de Guerre" **426**, 1156.
Ruse in Air Warfare **468**, 225.
Bermuda
channel deepened **232**, 1052.
Diving record, Nonsuch Is. **331**, 871.
Flight to. H.P McIConnor **334**, 1065.
race: See: Vamarie.
Triangle: Texaco Oklahoma: Another Bermuda Triangle Victim? (ProfNote). M.R. Adams **877**, 109.
Bermuda (SS) **347**, 127.
Bernadou, J.B.
The Development of Smokeless Powder **83**, 495. **85**, 25.
Firing and Regulations of Aim. Col. N. Zaboudski, Rus. Army. (Rev) **88**, 807.
Naphtha Fuel for Warships (Tr.) **80**, 763.
Naval Geography **49**, 387.
Pressure of Smokeless Powder Gases in the Bore of Guns. N. Zaboudski (Tr.) **75**, 537.
Pyro-Collodion Smokeless Powder **84**, 645. **87**, 605.
Bernardi, M. de: Wins Schneider cup **287**, 104.
Bernatt, Stanislaw
Case of the Non-Commissioned Doctor (anec) **699**, 47.
For Want of a Horse (anec) **700**, 37.
Full Speed Ahead (anec) **687**, 155.
Those International Websters (anec) **791**, 55.
Bernay, Henri
French Commission on naval tactics. Tr. P.R. Alger **132**, 1253.
Projectiles for naval guns. Tr. P.R. Alger **130**, 533.
Berndtson, A.H.: Book Review **748**, 125.
Berngard, M.: Naval Aspects of St. Lawrence Seaway **566**, 379. **571**, 1029.
Bernhardt, J.W.
and F. Hailey: Saga of Unsung--Destroyer Transports **504**, 177.
Navy's Aperture Card System (ProfNote) **737**, 137.
Bernotti, Romeo
Concentration of fire and the numerical strength of a division. Tr. C.C. Gill and A.F. Westcott **150**, 403.
The day torpedo-boat attack. Tr. W.N. Jeffers **152**, 1155.
Forecasts and reality in the naval war. Tr. A.F. Westcott **180**, 317.
Fundamentals of naval tactics. Tr. H. P. McIntosh **139**, 877. **140**, 1299. **141**, 227. **142**, 677.
Italian Naval Policy Under Fascism **641**, 722.
Requisites of the battleship best adapted to the Italian Navy and consideration of its tactical employment. Tr. H.P. McIntosh **129**, 189.
The Torpedo in capital ships. Tr. Thomas Withers, Jr. **154**, 1775.
Bernstein, F.J.: Sovereignty and the SLBM

Bernstein, F.J. (Cont.)
(C&D) 766, 131.
Bernstein, J.: Russia's Disappearing Sea 621, 1240.
Berrien, T.R.: Signal question in the Atlantic fleet 156, 409.
Berry, A.G. 405, 1624. 407, 102.
On American naval policy 113, 185.
Shaw-Aquitania collision 285, 2275.
Berry, F.A., Jr. 456, 253.
Berry, R.W.: Pentagon's Whiz Kids (C&D) 764, 123.
Berry, W.: HMS Nelson and Rodney 316, 543.
Berryman, E.T.: The First Three (OldNav) 892, 62.
Bertillon System. A. McCrackin 54, 361.
Bertoni, Dante (artist): Benjamin Franklin (SSBN-640) at New London--September 1972 Cover.
Bertsch, F.S., III: Nobody asked me, but...881, 84.
Berwick (HMS) 356, 1524. 443, 149.
Boiler accident on board 110, 444.
Collision with HMS Tiger 126, 714.
Beskin, G.S.: Public Relations 463, 1296.
Bess, David: An Act of Faith and Hope 865, 43. 869, 81.
Bessarabia
Annexed to Roumania 184, 1425.
Russian aims in 255, 867.
Bessels, Emil: Smith Sound and its Exploration 30, 333.
Bestler, J.M.: Straight Ahead and Park Here (anec) 662, 59.
Bethel: Frothingham, T.G., Ship Bethel 200, 1695.
Bethell (U.S.): See: Cover Pictures--February 1959.
Bethenod wireless system: Description 144, 1689.
Bethesda: See: Hospitals.
Bethlehem Iron Company, Description of Works. W.H. Jaques 51, 531.
Bethlehem Shipbuilding Co.
Makes world's shipbuilding record 200, 1781.
Record in building Reid 206, 531.
Bethlehem Steel Company: Bethlehem proving ground in 1916: 166, 1999.
Bettis, C.: Wins Pulitzer Trophy race 274, 2379.
Bettolo, Giovanni: Sketch of career 163, 939.
Beukelsdijk (U.S.) 457, 453.
It Won't Happen This Time. F.M. Curran 455, 56.
Beukema, Herman 648, 222.
Bey, Behzat Ahmet (artist): Battle of Preveza, 1538--August 1973 Cover.
Beyer, B.H.: Family Trait (anec) 679, 57.
Beyer, H.G.
Examination of Navy Yard Apprentices 94, 341.
First Aid to the Injured and Transportation of the Wounded. Six Lectures Delivered at the Naval Academy 63, 343.
The Growth of U.S. Naval Cadets 74, 297.
Gunshot Injuries 69, 149.
The Hygiene of the Navy Ration 91, 607.
Military Training 81, 311.
On prevention of infectious diseases 109, 155.
Significance of over-crowding 112, 759.
Some hygienic precautions to be observed in training 111, 537.
Beyer, M.W.: Afternoon Tea (anec) 594, 875.
Beyer, S.E.: Why Not Standardize Shipboard Training? (ProfNote) 703, 134.
Beyond Suez--A New Dimension of Sea Power. G.H. Miller 660, 78.
Bianchi, H.K.: N.S. Otto Hahn--Germany's First Nuclear Ship (ProfNote) 809, 119.
Bibbler, W.R.
Newsman in Vietnam (Blanchard) (C&D) 796, 115.
Pollution--We Do Our Part (Bekkedahl) (C&D) 809, 105.
Bibby, L.H. 678, 104.
Bibliographies
Books of Interest to the Professional. Jack Sweetman 876, 89. 877, 133. 878, 95. 880, 89. 881, 90. 882, 88. 883, 91. 884, 109. 885, 90. 886, 96. 888, 89. 889, 92. 890, 95. 892, 98. 893, 102. 894, 77. 895, 105. 896, 83. 897, 98. 898, 95.
Guide to Reading on Vietnam. L.A. Humphreys and Janet Colson 774, 113.
Middle East, What to Read on the. Carl Leiden 859, 107.
Notable Naval Books of:
1963. R.M. Langdon 730, 126.
1965. R.M. Langdon 754, 124. 758, 136.
1966. R.M. Langdon 766, 138.
1967. (C&D) 788, 106.
1967. R.A. Lambert 778, 115.
1968. R.A. Lambert 790, 114.
1969. R.A. Lambert 802, 125.
1970. R.A. Lambert 814, 81.
1971. R.A. Lambert 826, 97.
1972. R.A. Lambert 838, 99.
1973. R.A. Lambert 850, 100.
1974. R.A. Lambert 862, 97.
1975. Jack Sweetman 875, 87.
1976. Jack Sweetman 887, 95.
the First 100 Years, 1873-1973. R.A. Lambert 848, 151.
Periodicals List (ProfNote) 707, 150.
Professional and General Periodicals for Naval Officers. K.W. Sayers 789, 118.
Professional Reading 865, 91. 866, 95. 869, 91.
Jack Sweetman 868, 96. 870, 101. 871, 91. 872, 108. 873, 89. 874, 88.
R.A. Lambert 776, 121. 777, 121. 779, 119. 780, 117. 781, 123. 782, 111. 783, 121. 784, 123. 785, 115. 786, 129. 787, 125. 788, 123. 789, 127. 791, 121. 792, 123. 793, 127. 794, 127. 795, 123. 796, 121. 797, 131. 798, 127. 799, 131. 800, 131. 801, 135. 803, 111. 804, 103. 805, 105. 806, 111. 807, 117. 808, 117. 809, 115. 810, 113. 811, 91. 812, 93. 813, 93. 814, 91. 815, 91. 816, 93. 817, 97. 818, 99. 820, 97. 821, 101. 822, 101. 823, 101. 824, 101. 825, 99. 827, 98. 828, 110, 829, 115. 830, 111. 832, 117. 833, 109. 834, 104. 835, 103. 836, 104. 837, 102. 839, 103. 840, 102. 841, 111. 842, 97. 844, 101. 845, 104. 846, 103. 847, 103. 849, 103. 851, 93. 852, 101. 853, 106. 854, 109. 856, 109. 857, 107. 858, 101. 859, 109. 860, 99. 861, 109. 863, 94. 864, 92.
R.M. Langdon 731, 114. 732, 125. 733, 127. 734, 124. 735, 124. 736, 132. 737, 122. 738, 132. 739, 128. 740, 112. 741, 123. 742, 116. 743, 116. 744, 130. 745, 116. 746, 124. 747, 134. 748, 131. 749, 123. 750, 129. 751, 128. 752, 122. 753, 132. 755, 131. 756, 121. 757, 133. 758, 149. 759, 137. 760, 136. 761, 135. 762, 133. 763, 135. 764, 141. 765, 143. 767, 113. 768, 129. 769, 123. 770, 125. 771, 135. 772, 121. 773, 127. 774, 125. 775, 129.
Recent Oceanographic Literature. R.D. Plunkett 744, 125.
Third Thursday Society: A Professional Experiment (ProfNote). J.T. Strong 787, 143.
Bibliographies--Aviation: Military Aircraft. Harold Andrews 732, 116. 733, 122.
Bickelhaupt, I.A.: Perfect Squelch (anec) 595, 993.
Bicentennial
Appraisal of the U.S. Navy. J.L. Holloway, III 881, 18. 886, 90.
The Sea in the Making of America. C.G. Reynolds 881, 36. 887, 88.
"Steady as You Go!" F.B. Sayre, Jr. 886, 110.
Biddle, Edward: Captain Nicholas Biddle (Continental Navy), 1750-1778: 175, 1993.
Biddle, James 329, 636. 338, 474. 444, 214.
Biddle, Perry, and Japan. R.A. von Doenhoff 765, 78.
Luce, Stephen B.: Commodore Biddle's visit to Japan in 1846: 115, 555.
Portrait 167, 83.
Voyage to Japan in the Columbus and Vincennes, 1846: 137, 239.
Biddle, Nicholas: Biddle, Edward. Captain Nicholas Biddle (Continental Navy) 1750-1778: 175, 1993.
Bideford (HMS) 334, 1138.
Bidlingmaier, T.G.F. 676, 102.
Exploits and End of the Battleship Bismarck 665, 77.
Strategic Importance of the Baltic Sea 667, 23.
Bidou, Henri: The enemy's tactics 187, 2230.
Bieg, V.N.
Casualties and experience 148, 1585.
Naval men and their management 158, 1173.
Responsibilities and duties of naval officers of the U.S. in educating the public on professional matters 200, 1751.
The submarine and the future 155, 151.
War and naval engineering 206, 539.
What can be done to improve engineering in our navy today 173, 1463.
Bierer, B.B.: Punishment for certain offenses 109, 201.
Biesemeir, H.W.: Salvage (ProfNote) 650, 453.
Big Bertha, 1855 Style. W. Ley 456, 199.
"Big Berthas": Fate of 252, 313.
"Big Brotherism": "Get off my Back, Sir!" R.E. Mumford, Jr. 894, 18. 898, 77.
Bigelow, R.P.: Wireless in Warfare, 1885-1914: 576, 117. 581, 763. 583, 989. 587, 87.
Biggar, P.E.: Air Warfare's Adolescent Years, 1914-1918 (Emmott) (C&D) 869, 81.
Biggs, B.B. 617, 815.
Oil Is Everybody's Problem 591, 503.
Biggs, W.P. 419, 100.
Bigley, T.J.: Office of International Security Affairs 758, 61.
Bikini: See: Atomic Bomb.
Bikini Atoll, Baker Day at: See: Cover Pictures--November 1953.
Bilac, Olavo: The Sea (anec) 724, 73.
Biles, J.H.
Merchant Steamers and War Requirements 91, 682.
Steam turbines applied to ocean liners 116, 1017.
Biles, Sir John: Steam or oil engines? 269, 1278.
Bilge diving: Rust and corrosion 364, 808.
Bilge Keels 74, 429.
Notes on. F.T. Bowles 32, 119.
Bilges, Hygienic Notes on Ship's. C.F. Goodrich 2, 93.
Bill, D.S., Jr. 727, 99, 100.
Amphibious Assault--Fast, Flexible, and Powerful 716, 47.
Our New Landing Ships (ProfNote) 669, 126.

Bill Ney Sees Navy. E.W. Nye 386, 489.
Billard, F.C.: Foreword 315, 369.
Billingsley, H.E.: Experiment in Mutual Understanding 518, 533.
Billion dollar business 332, 956.
Billmyer, J.H.S.
  Empirical Method of Tidal Prediction 393, 1609.
  Rendezvous at Sunrise 516, 247.
Bills, S.H.: Naval Reserve Force Destroyers: The Second Team? (Carson) (C&D) 868, 77.
Bindra, A.P.S.
  The Indian Ocean As Seen By An Indian (NavRev) 807, 178.
  My India; Diversity and Harmony 785, 42. 788, 113.
Bines, A.S. 695, 116.
Bing, J.H.: Recruit Problem (anec) 665, 93.
Bingham, D.C.: Indirect fire for naval guns 216, 249.
Bingham, H.: Commercial airports and airways 272, 1990.
Binnacles
  See: Compass.
  Advantages of painting binnacles black 126, 741.
Binnendijk, J.J.: Seapower and the Smaller Nations 835, 38.
Binns, J.R. 727, 97.
Binoculars: Selection and use of. A.R. McCracken 270, 1446.
Biographies available for use by naval researchers 845, 47.
Biological Warfare
  Biological/Chemical Warfare Challenge. D.M. Saunders 751, 44. 754, 117. 757, 118.
  Equalizer. J.B. Kelley 564, 137.
Biology—Marine
  Creatures of the Deep. W.J. Cromie 755, 76.
  Military Biological Oceanography. W.V. Kielhorn 583, 947.
Bird, C.S.: Ship Classification--Time for Overhaul (O'Neill) (C&D) 835, 93.
Bird, H.V.: Let's Take Off Our Shells 543, 619.
Birds
  and cyclonic storms 559, 1059.
  in the Hand, Two. K.M. Duff 799, 60. 805, 90. 809, 109.
  of ebony. G.R. Clark 297, 1185.
Birkeland electro-magnetic gun 101, 148.
Birkett, F.J.: Land of midnight sun 315, 427.
Birmingham (HMS): Trials; description 149, 214.
Birmingham (USS) 345, 1461. 815, 34.
  See: Chambers, W.I. 137, 174.
  Gallant Ship Passes--USS Birmingham (CL-62) 686, 115.
  Illustration 113, 1.
  Trials 127, 1068.
Bisbee, C.L.: Merchant Marine Training 443, 26.
Bishop, C.B.
  Book Review 860, 96.
  Systems Analysis: Something Old, Something New 788, 45.
Bishop, C.G.: Book Review 850, 97.
Bishop, Charles: Oceanography and Naval Warfare 675, 75.
Bishop, D.M.: The Objectives Was a Volunteer Army (Alger) (C&D) 815, 87.
Bishop, Lady Stella M. 631, 1057.
Bismarck (Ger.) 462, 1176.
  See: Book Reviews--Loss of the Bismarck.
  See also: Exploits and End of Battleship Bismarck.
  End of the Bismarck 676, 102.
  Exploits and End of. T.G.F. Bidlingmaier 665, 77.
Bison (FN) 337, 402.
Bisset, G.A.: Navy yards as industrial establishments 233, 1107.
Bistrita (SS): Sunk by submarine 166, 2063.
Bits of Ribbon. D.A. Frost 383, 60. 387, 708.
Bitting, F.E. 640, 658.
  It's Everybody's Business 633, 1189.
  No Competition 656, 1078.
Bittinger, C.: Naval Camouflage 452, 1394. 455, 97.
Bivens, A.C.: Polaris Duty: Pinnacle or Predicament? (C&D) 779, 105.
Bjerknes, J. 409, 397.
Björklund, E. 700, 96.
Black, E.F.
  Advisory Warfare vs. Sanctuary Warfare 744, 34. 747, 114.
  ASW Role of Latin American Navies (C&D) 766, 127.
  Book Review 765, 138.
  Co-author: See: Murphy, R.P.W.
  National Security Policy: Give the Public a Voice 892, 18.
  Problems of Counter-Insurgency 716, 22.
  Quest for Common Ground 779, 28.
Black, Edwin (BkRev) 751, 121.
Black, R.B.
  Amelia Earhart's Final Flight (Holbrook) (C&D) 825, 88.
  Good Suggestion (anec) 614, 383.
Blackbeard 343, 1192.
"Blackbeard!" (OldNav). Irwin Ross 860, 71.
"Black book" 361, 335.
Blackburn, C.K.: Mistaken publicity 227, 77. 240, 313.
Blackburn, J.R. 663, 113.
  Cruisers--Ships With a Future (ProfNote) 657, 1243.
Blackburn, P.P.
  Bowditch course in navigation 189, 2605.
  Comment on Porta's "Two astronomical formulas." 189, 2600.
  Dollar at sea 236, 1707.
  Future of Naval Reserve 505, 303. 508, 714. 513, 1354.
  On aids to contentment 125, 325.
  Solution of zig-zags 187, 1995.
Blackburn, P.P., Jr. 692, 120. 698, 120.
  Air War College 575, 53.
  Oil to Burn? 550, 1487.
Blackburn, W.J., Jr.: Destroyers at the Crossroads (C&D) 772, 109.
Black Eagle (SS) 354, 1229.
Blackford, C.M.: They Were All Giants at Peleliu 572, 1115.
Blackford, C.M., III: Kiska Dry-Run 769, 56.
Blackford, J.B. 653, 789. 664, 116. 665, 113. 684, 102.
  Importance of Caribbean in Search for Iron Ore 580, 583. 582, 881.
  Prophetic Words (anec) 587, 7.
Black Gang: "Beefing Up the Black Gang (C&D) 834, 93.
Black Hawk (SS) 355, 1380.
Black Joke (pseud.) A.B.G.B.S.: (All big gun battleship) 122, 667.
Blackman, J.L, Jr.: Carrier War in Atlantic 546, 999.
Blackman, R.V.B. 689, 102. 709, 114. 710. 116.
  Classification of Warships (ProfNote) 703, 129.
  Royal Navy: Far East Squadron Again? (C&D) 846, 100.
  Two Nations "Go Dutch" in Naval Cooperation (C&D) 845, 85.
Blackman, Raymond: Some Days Are Like That (anec) 860, 55.
Black Midshipman at the U.S. Naval Academy. R.L. Field 842, 28. 846, 98. 849, 91.
Black Prince: See: Malo, H. American privateers 139, 933.
Black Prince (HMS): Launched; description 112, 853.
Black Princess: See: Malo, H. American privateers 139, 933.
Black Sea
  Montreux Convention: Prospects for an Imminent Change (ProfNote). P.A. Dur 845, 110. 849, 99. 852, 95.
  Soviet Black Sea Fleet (ProfNote). R.W. Wells 775, 136.
  Strategic Analysis of the Eastern Mediterranean and the Black Sea (NavRev). C. Margaritis 843, 112. 847, 95.
Black-Shoe in the Brown-Shoe World. A.G. Nelson 809, 57. 813, 89. 814, 83.
"Black Shoes": See: Surface line officer.
Blackson, W. 576, 200.
Black Wake of the Torrey Canyon. J.M. Marshall 778, 38.
Blackwell's Island: Leased to U.S. Navy 109, 384.
Blackwood, Norman J. and Bell, W.H.: Greater field of activity for medical officers of navy yards 175, 1977.
Blaine, R.D.: The Deep Question (Cohen) (C&D) 795, 112.
Blaine, R.R.: Let Go! (anec) 667, 31.
Blair, C.H.
  Arctic Submarine Material 679, 39.
  Convoys: No Second Chance? (ProfNote) 856, 112.
  Effective Writing, Navy or Civilian (ProfNote) 785, 131. 790, 110. 804, 89. 815, 84.
  Fishing Boats and Their Gear 729, 58. 737, 112.
  Fishing Boats and Their Gear (C&D) 744, 117.
  A New Look at Tidal Dynamics (Gardy) (C&D) 861, 97.
  Prestige and the Navy Family (C&D) 745, 103. 749, 107.
  RDF Navigation (ProfNote) 686, 140.
  Submarines of Confederate Navy 596, 1115.
Blair, I.W.: Reducing Replenishment Time (ProfNote) 686, 153.
Blair, L.B.
  Dogs and Sailors Keep Off! 572, 1095.
  Historical Examination of Soviet Foreign Policy 559, 973.
  Mediterranean Geopolitics 576, 135. 588, 199.
Blair, M.S.: Compass Deviation 180° (anec) 665, 75.
Blair, R.H.: Tailor Made (anec) 673, 47.
Blair, T.R.: Proceedings Cover--The American's Creed (C&D) 832, 101.
Blair (U.S.): Berth 124, Destroyer Pier One. H.O. Webster 651, 489.
Blake, George Smith: When Smallpox Struck (OldNav) 823, 78.
Blake, R.S. 692, 113.
  Cream Also Rises (anec) 722, 155.
  Just for Drill (anec) 682, 135. 688, 117.
  Others Can't Be Trusted (anec) 734, 55.
Blake, U.S. Coast and Geodetic Steamer. Investigations of Gulf Stream. J.R. Bartlett 15, 25.
Blakeley (USS): Accident during trials 103, 699.
Blakely, J.: Johnston Blakely, Carolina Sea Raider. F. Pratt 571, 997.
Blakeman, J.M.: My First Command (anec) 572, 1113.
Blake's Journal 1829; Mexico, West Indies & United States: When Smallpox Struck (OldNav) 823, 78.
Blakeslee, G.H.: Outline of lecture 277, 574.
Blakeslee, H.W. 683, 112.
  Life in Samoa 445, 345.
  Profiles: Supertankers (C&D) 859, 103.
Blakey, B.V.: Let's Rock the Boat (C&D) 881, 82.
Blanchard, C.F.
  Drug Store Stuff (anec) 619, 1029.

Blanchard, C.F. (Cont.)
Front Office Salesman (anec) **621**, 1209.
Blanchard, R.W.
Maritime Air Forces Mediterranean (ProfNote) **803**, 115.
Protest at Snowy Beach (ProfNote) **833**, 118. **837**, 90.
Blanchard, Ralph: Newsman in Vietnam **792**, 50. **796**, 115. **800**, 110. **809**, 106.
Blanchard, William **844**, 71, 72, 74, 75.
Blanche (CSS): Affair of the Blanche. Albert Gleaves **236**, 1661.
Blanche (HMS) **330**, 753. **338**, 539. **339**, 678, 681.
Launched; description **133**, 275.
Blanc Mont, Battle at. Ernst Otto **324**, 89. Part I: **325**, 177. Part II: **326**, 304. Part III: **329**, 639.
Blandford, J.R.
Armed Services Legislation **632**, 1180.
Armed Services Legislation, 84th Congress **644**, 1129.
Armed Services Legislative Preview of the 85th Congress (ProfNote) **649**, 340.
It's Your Congress **636**, 185.
Legislative Items (ProfNote) **625**, 345.
Legislative Outlook (ProfNote) **636**, 236.
Testifying Before Congressional Committees **625**, 295.
Blandy, W.H.P.
Command Relations in Amphibious Warfare **580**, 569. **585**, 1223.
Director fire a century ago **209**, 1089.
Elastic strength of radially expanded guns **220**, 883.
Improvements in gunnery training **271**, 1696.
Rio to Amazon in Dc-X **356**, 1432.
Blank, M.F. **701**, 103.
Blasdel, F.G.: Officer personnel situation **225**, 1779.
Blas de Lezo (Sp.) **355**, 1378.
Blast: Physical effects of gun blast on crews **107**, 745. **112**, 880. **120**, 1320.
Blasting: Operation Channel Blast (ProfNote). R.P. Keller **713**, 138.
Blast protection--research and testing: Operation Sailor Hat (ProfNote). S.C. Reed **759**, 144.
Blast screens: Portable blast screens for barbettes, 1908: **128**, 1330.
Blechman, B.M.
and S.E. Levinson: Soviet Submarine Visits to Cuba **871**, 30.
The Future of the Navy **887**, 27. **892**, 81, 83, 84.
Bledsoe, A.M. **391**, 1309.
Japanese Naval Academy **553**, 329.
Joint author: See: McCartin, E.F.
Blee, B.W.
Alter the Alterations (anec) **833**, 25.
Grog in the Royal Navy **678**, 63.
Hat in the Ring **786**, 83.
He Gave them a Break (anec) **688**, 91.
Lion in the East **730**, 41.
Prestige and the Navy Family **741**, 58. **745**, 103, 104, 106, 107. **749**, 107. **755**, 117, 118.
They'll Never Know the Difference (anec) **762**, 39.
Blenheim (HMS): Transformed into torpedo depot ship **124**, 1521.
Bleriot's: Plane passing Dover Cliffs (painting) **318**, 661.
Blessing, A.R.: Breaking economic strangle holds **351**, 707.
Blevins, W.D.: U.S. Naval Academy Weapons Department (ProfNote) **700**, 121.
Bligh, W. **423**, 713.
Blimps: See: Aeronautics, Airships, and Dirigibles.
Blind flying: See: Instruments--aircraft.
Blinn, W.O. **669**, 112.
Blirer, A.E.
Better to Give Than to Receive (anec) **622**, 1335.
One Bright Corner (anec) **575**, 51.
South Sea Huckster (anec) **592**, 623.
Blish, J.B.
Ground Glass Tubes for Use with the Navigational Sounding Machine **84**, 747.
Navigator's prism **105**, 175.
New Method of Scoring Target Practice **94**, 349.
Notes on the Marconi Wireless Telegraphy **92**, 857.
To Find the Great Circle Course by Inspection **82**, 365.
Bliss Company: U.S. government sues E.W. Bliss Co., for disclosing torpedo system **149**, 173.
Blitzkrieg, Prophet of. D. Glassman **459**, 683.
Bloch, C.C. **287**, 78.
On Marvell's "Development of the method of finding line of position." **145**, 229.
Block, E.M.
Navigator's Notes **517**, 425. **521**, 969.
Patrol Plane Navigation **440**, 1468.
Block, P.F.
High Price of Success (C&D) **787**, 109.
United States Navy for the Future (Smith) (C&D) **823**, 93.
Blockade
See: International law and Raiders.
America's Best Weapon (C&D). R.H. Rodgers **751**, 106. **756**, 110.
Boycotts or Sanction--Economics in War of Today. B.O. Lisle **456**, 227.
Confederate Blockade Runners. P. Hendren **362**, 506.
For Winning Without Killing. R.D. Powers, Jr. **666**, 61.
Future of Blockade. F. Pratt **364**, 868. **370**, 1782.
In "Naval strategy." R. Daveluy **133**, 153.
in Relation to Naval Strategy. A.T. Mahan **76**, 851.
Naval: Great Stone Fleet, Calculated Catastrophe. Arthur Gordon **790**, 72. **796**, 101.
of Santiago. See: Darrieus, War on the Sea **125**, 226.
Purpose of blockades. See: Darrieus, War on the Sea **126**, 500.
Stephen Decatur at New London, A Study in Strategic Frustration. D.S. Jordan **776**, 60.
Stephen Decatur at New London (C&D) **780**, 103.
A Survey of the International Law of Naval Blockade. S.V. Mallison and W.T. Mallison, Jr. **876**, 44.
Ultimate Weapon of Sea Power. H.A. De Weerd **366**, 1141. **370**, 1780.
Blockade Runners
Banana Boats and (OldNav). J.D. Alden **818**, 64.
Wrecks of Confederate Blockade Runners Found (Nbk) **803**, 136.
Blockaders off American Coast. C.C. Hanks **456**, 172.
Block ship, New Orleans **432**, 240.
Blockwick, T.H. (BkRev) **779**, 115.
Blockwick. T.N.
An Unusual Case of Ship Salvage (ProfNote) **763**, 150.
Sealab II (Pict) **760**, 100.
Blom, V.J.L.: Best Possible Proof (anec) **684**, 132.
Blonde (HMS): Launched; description **135**, 868.
Blood
Bottled for Defense. R.P. MacHatton **455**, 33. **459**, 756.
Donors for U.S. Forces. R.P. MacHatton **465**, 1604, 1615.
For Our Fighting Men (ProfNote). W.C. Parrish **798**, 136.
is thicker than water. W.C. Tyler **263**, 91. **267**, 801. **269**, 1243.
plasma and serum albumin **475**, 1355.
Program, National. C.C. Shaw **599**, 51.
Bloodless Weapon (C&D) **803**, 93. **805**, 96.
D.P. Wyckoff **799**, 60.
Bloomfield, L.P.: Political Gaming **691**, 57.
Bloomster, E.L.
Long Beach--July 1959 Cover.
Paintings **378**, 1089. **379**, 1329, 1336. **388**, 829. **390**, 1194. **393**, 1659. **399**, 686. **402**, 1086. **437**, 942, 944. **438**, 1096. **518**, 552.
Blore, T.
Admiralty Court Birthday (ProfNote) **694**, 139.
Admiralty Hydrography **712**, 73.
Research for Royal Navy **598**, 1315.
Blue Angels: Rebirth of the Blues **858**, 25.
Blue Beetle
Further Action of, Pacific Life Line. L.A. Abercrombie and F. Pratt **501**, 1339.
L.A. Abercrombie and F. Pratt **500**, 1197.
Bluecher (German cruiser)
Description **131**, 957.
Illustration of the Bluecher overturned and sinking **156**, 609.
Launched; description **126**, 705.
Plans; description **160**, 1909.
Blue Flash. N.M. Kindell **591**, 557. **593**, 795. **606**, 902.
Bluejackets' Manual: Growth of Best-Seller. F.C. Dyer **577**, 277.
Blue riband **324**, 151. **327**, 448.
Blue Ribbon (SS) **298**, 1336.
Blue Ridge (AGC-19) (ProfNote) H.B. Price **784**, 133.
Bluestone, H. **316**, 562.
Blue, Victor
Converted yachts or small gunboats for training landsmen **102**, 221.
The Sighting of Cervera's Ships **91**, 585.
"Bluff, H." (M.F. Maury) **359**, 94.
Blum, A.H.: Protecting His Investment (anec) **550**, 1485.
Blum, W.: Chromium plating **288**, 218.
Blumenson, Martin
and James Hodgson: Hitler Versus His Generals in the West **646**, 1281.
Book Review **780**, 114.
Limited War--Limited Peace? (C&D) **774**, 109.
Boadicea (HMS) **330**, 753. **334**, 1137. **338**, 539. **339**, 678.
Description **122**, 859. **123**, 1055.
Trials **130**, 583.
Board, Interior control. R.B. Carney **328**, 531.
Board, Knox-King-Pye **210**, 1265. **318**, 746.
Boarding parties: "Away the Boarding Party". J.D. Alden **743**, 68.
Board of Control: Slate of Nominees for 1974 (C&D) **852**, 89.
Board of Navy Commissioners, 1815: **298**, 1309.
Boards
Military Communications-Electronics Board (C&D). W.F. Foster **764**, 132.
Permanent Joint Board on Defense (Canada-United States) (ProfNote). R.J. Barrett **736**, 149.
Boat and Ship: Use **348**, 317.
Boat-detaching Apparatus **37**, 251.
L.J.M Boyd **43**, 684.
Boat Guns as Light Artillery for Landing Parties, On the Employment of. T.B.M. Mason **8**, 207.
Boat in Surf, Management of. A.A. Ackerman **51**, 573.
Boats
See: Submarine chasers and patrol boats.
A New Method for Detaching. D.H. Mahan **42**, 397.

Boats (Cont.)
Bazin Disc-wheel Steamboat **78**, 488.
Boat sailing, small, as a character-builder. J.W. Moore and A.P.H. Tawresey **328**, 500.
Coastal motor (French) **235**, 1550.
Conserving the life-boat **182**, 896.
Davits. Welin Boat Davits **100**, 787.
Development of the motor-boat, 1907: **124**, 1557.
Dinghy, Navy **337**, 427.
F. Risenberg **279**, 1003.
Fastest motor boat in the world **114**, 535.
Fiat motor boats (Italian), 1906: **120**, 1600.
for Landing Operations, Special (1931). H.H. Utley **848**, 88.
High speed sea-going motor boat for U.S. Navy **161**, 243.
Life-boat transporting and lowering gear **188**, 2431.
Methods for retrieving: Radial Double Hang Recovery Method (C&D) **794**, 117. **799**, 111.
A motor boat to cross the Atlantic, 1907: **122**, 880.
Motor-boat torpedo carrier **215**, 125.
Motor-launches for HMS Dreadnought **116**, 998.
"Passing" of ships boats **121**, 438.
Peterson boat-launching apparatus **103**, 694.
President Wilson's new motor boat **156**, 564.
Radio sets for ship's boats **148**, 1774.
"Sea sleds." Illus. **162**, 586.
Ship's boats during action **141**, 370.
Special boats for landing operations. H.H. Utley **338**, 520. **344**, 1401.
Unsinkable life-boat **190**, 2848.
Value of motor-launches for naval purposes **116**, 1032.
Boats and Small Craft
Are Coast Guard Small Boats Small Enough? (ProfNote). Paul Hureau **880**, 96. **886**, 89.
Fiber Glass for Boats of the U.S. Navy (ProfNote). K.P. Spaulding, Jr. **793**, 141.
Skimmer Ops. J.F. Ebersole **857**, 40. **862**, 88.
Small Craft Gap--Not Again (C&D) **833**, 94.
Some Thoughts on Ships' Boats in the Navy (NavRev). R.C. Taylor **855**, 232. **859**, 100. **860**, 83.
Boats--Navy
A.A. Ackerman **54**, 279.
Seamless Steel **67**, 325.
Ship's. F.E. Chadwick **70**, 359.
Steam Launches in Foreign Services **100**, 787.
Submarine
Spar Torpedoes for Destroying them **100**, 786.
Tactical and Strategical Considerations **100**, 739.
Boatswain's calls. Illus. McCarthy, Stephen **147**, 1009.
Boatswain's Mate Passes Word. F.A. Todd **416**, 1458. **419**, 106.
Boatswain's "pipe": Revival of in British Navy **117**, 350.
Boatswain's whistle **311**, 12.
Bobczynski, S.A. **642**, 890.
Bobo, R. **255**, 723.
Bock, P.H., Jr.: Arm the AGRs? (Erwin) (C&D) **791**, 106.
Bodie, W.M.: The Odd Ones (Pict) (C&D) **822**, 96.
Bodler, J.R.: Unexplained Phenomenon of Sea **587**, 66.
"Wrinkle" in Damage Control **509**, 830.
Bodley, N.B.: This Machine Age (anec) **619**, 987.
Boehm, R.T.: Speeding Anchoring Solution **609**, 1233.
Boehm, W.R. **668**, 107.
Boerner, D.D.
Book Review **828**, 107.
The Silent Vote (Dengler) (C&D) **820**, 92.
Boettcher, R.R.: Low and Slow--Making Seaplane History **559**, 1041.
Bogan, F.M.: Denistry in the old Navy **182**, 825.
Bogan, G.F.: Navy Spreads Its Golden Wings **699**, 97.
Bogart, C.H.: German Remotely Piloted Bombs **885**, 62. **892**, 93.
Bogatyr (Russian cruiser)
Description **105**, 276.
Trials **101**, 126.
Boggess, M.B.: Naval Air Reserve Retention--A Survey (ProfNote) **840**, 108.
Boggess, W.C.: Pass the Word--Well (ProfNote) **811**, 83.
Boggs (USS) **344**, 1416.
Bogoslof Island
F.A. Zeusler **470**, 494.
G.E. Morris, Jr. **413**, 950.
Bogue (US) **678**, 103.
Bogush, H.R.: Does navy need a naval reserve force? **247**, 1419.
Bohannon, T.J.: Manpower: Enlightened Utilization (ProfNote) **722**, 141.
Bohgren, M.L.: Cooperation--One Hundred Per Cent (anec) **629**, 763.
Bohrdorf, G.D.: All Over But the Auction (anec) **667**, 143.
Boiler
Arrangements of Recent British and Foreign Cruisers. E.T. Marshall **93**, 203.
Belleville Boiler **22**, 693.
Causes for Adoption of Water Tube. G.W. Melville **92**, 896.
Power of Naval Vessels, The. C.R. Roelker **8**, 275.
Report of British Boiler Committee **98**, 410.
Water Tube **90**, 452. **91**, 712.
Boiler Explosions
The Albacore explosion **151**, 903.
Japanese Nisshin fatal boiler explosion **145**, 386.
Marine boiler explosions **150**, 573.
A year's boiler explosions **154**, 1824.
Boilers **301**, 235. **306**, 685. **311**, 49.
See: Stoking; superheaters; names of boilers.
Aid to the systematic firing of marine boilers. H.E. Lackey **115**, 599.
Babcock and Wilcox **110**, 443.
Belleville **102**, 400. **106**, 484, 510. **107**, 787. **108**, 986. **111**, 642. **145**, 369.
Inexplosive Boiler **22**, 693.
in HMS Europa and Spartiate **107**, 787.
The, Report. J. Leroux, Tr. **23**, 103.
vs. Cylindrical, Trial of Hyacinth & Minerva **100**, 788.
Benson marine **349**, 440.
Boiler plates and magnesium chloride **182**, 861.
British cruisers to have dual boiler equipment **105**, 292.
British report, 1904: **111**, 678.
Brueggerman **225**, 1841.
Brunler **267**, 840.
Care of in Navy. W.M. Parks **30**, 517.
Cleaning **230**, 674. **231**, 834. **237**, 1974. **285**, 2357.
Cleaning boiler tubes mechanically **179**, 137.
Development **339**, 684.
Developments in boiler design, 1915: **156**, 565.
Efficiency of Yarrow boilers, 1913: **149**, 272.
Embrittlement of plates **284**, 2135. **286**, 2595.
Failure of Steel **37**, 241.
French boiler trials, 1912: **141**, 308.
French navy discontinues use of small-tube boilers **105**, 295. **106**, 450.
Germany discards cylindrical boilers **112**, 847.
High pressure **243**, 871. **246**, 1357. **262**, 2112. **279**, 527. **280**, 1236.
Installation on Empress of Britain **342**, 1111.
Mercury **248**, 1742. **254**, 658. **303**, 404.
New type of navy boiler, 1915: illus. **159**, 1662.
Notes on boiler testing. C.M. Reed **187**, 1997.
Niclausse boilers, efficiency of **105**, 293.
The oxy-acetylene torch for removing scale from boilers **151**, 903.
Positive circulating system for Scotch boilers **185**, 1600.
Preservation of **85**, 134.
Regulations and specifications **354**, 1228.
Relining furnaces **259**, 1554.
Riveted and welded joints **286**, 2598.
"Smokeless powder and smokeless boilers." **115**, 739.
Some notes on boiler design. W.P. Beehler **158**, 1251.
Some whys and wherefores of power. E.B. Perry **285**, 2253.
Swartz **303**, 403.
Tubes **209**, 1136. **240**, 343. **323**, 64.
Water-cooled furnaces **261**, 1898.
Water improving test on. H.E. Dow **252**, 244.
Water treatment **282**, 1631.
Watertube boilers, British Admiralty report on **105**, 293.
Why boilers explode **204**, 292.
Yarrow marine **244**, 1035. **280**, 1181. **350**, 623.
Bok peace plan **253**, 506.
Bolam, C.A.: Emergencies Communications (anec) **695**, 97.
Boland, R.I., Jr. **714**, 108.
NROTC Plight (C&D) **756**, 106.
Bolander, L.H. **319**, 829. **336**, 278. **353**, 1063. **362**, 587. **367**, 1345. **378**, 1150. **386**, 567. **398**, 572. **399**, 722. **418**, 1788. **424**, 897. **451**, 1324. **501**, 1395. **582**, 889. **583**, 996. **585**, 1227.
Alligator, First Federal Submarine of Civil War **424**, 845.
Arnold's retreat from Valcour Island **322**, 1060. **324**, 142.
Books on Korea **571**, 1031.
Civil War Annapolis **417**, 1612.
Civil War Parallel **372**, 233.
Commodore **277**, 492.
Excerpt from "The Frigate Alliance, Favorite Ship of the American Revolution." **872**, 58.
Excerpt from "Two Notes on John Paul Jones: His Qualifications as a Naval Officer." **872**, 49.
Founding American Navy **316**, 491.
Frigate Alliance, Favorite Ship of American Revolution **415**, 1249.
Grade of admiral **291**, 567.
History of Regulations in United States Navy **537**, 1355.
Hundred Years of Naval Academy **518**, 147.
Jane's Fighting Ships **549**, 1384.
Log of Ranger **396**, 201, 301.
Naval Academy in Five Wars **505**, 279. **518**, 35.
Naval Career of James Fenimore Cooper **446**, 541.
Notable Naval Books of:
1949: **563**, 91. **567**, 559.
1950: **575**, 89.
1951: **587**, 91.
1952: **599**, 91.
1953: **611**, 95. **615**, 575.
Bolander, L.H.
Notes on J.P. Jones **305**, 546.
Ships of Line of Old Navy **428**, 1425.

Bolander, L.H. (Cont.)
Vincennes, World Traveler of Old Navy **400**, 825.
Bolger, P.C.: POW Treatment: Principles versus Propaganda (Chafee) (C&D) **833**, 102.
Boling, G.R.: Coast Guard's Navy Icebreakers (ProfNote) **779**, 134.
Bolivar, S. Illus. **449**, 1057.
Bolivia
See: Tacna-Arica dispute.
A.T. Beauregard **458**, 529.
Asks league of nations for Pacific port **201**, 1939.
Chaco boundary dispute **312**, 162. **313**, 254. **325**, 255. **346**, 1730. **353**, 1055. **355**, 1360. **356**, 1508. **357**, 1662. **358**, 1812.
Development of River Navigation in. (ProfNote). O.R. Castedo **832**, 119.
Revolution **330**, 772.
Bollay, E. **480**, 259.
Bollen, Anthony: NROTC Unit Leaves
NROTC Unit Leaves Stanford (C&D) **847**, 83.
United States Navy for the Future (Smith) (C&D) **824**, 93.
Bolshevik Revolution: Navies in War and in Peace. S.G. Gorshkov, Part 5: **855**, 220.
Bolshevism
China **355**, 1377.
Feiler Arthur **330**, 773.
France fears a Bolshevized Germany **345**, 1567.
Bolte, C.L.: Role of Land Forces in Future Warfare **551**, 21.
Bolt from the Blue. G.F. Eliot **677**, 23.
Bolzano (It.) **337**, 402. **357**, 1677.
Bombardment of Unfortified, Unresisting Cities **51**, 594.
Bombay, The Excellent Ships of (OldNav). J.M. Windas **830**, 68.
Bomber Navigation, the Blind Led the Blind. N.W. Emmott **795**, 35. **798**, 115. **802**, 110.
Bombing
Aerial: See: Aeronautics, Aviation and Bombing.
of North Vietnam: Task Force 77 in Action Off Vietnam (NavRev). M.W. Cagle **831**, 66. **835**, 90.
Retardation of Weapons for Low Altitude Bombing (ProfNote). S.B. Jackson **784**, 128.
System: U.S. Extends All-Weather Capability (Nbk) **777**, 151.
Bombs
See: Aeronautics, Aerial warfare and Bombing; Depth bombs.
German Remotely Piloted Bombs. C.H. Bogart **885**, 62. **892**, 93.
Increased Heat Resistance Is Developed For (Nbk) **805**, 124.
New Bomb Eyed by U.S. for Vietnam Use (Nbk) **778**, 146.
Penetration Bombs, How About? W. Ley and H. Schaefer **466**, 1712.
Bonaparte, Charles Joseph: "Lunchbox Charlie" Bonaparte (OldNav). Jack Downin **882**, 49. **889**, 85.
Bond, C.A.: New Map for Strategists **562**, 1377.
Bond, C.W.
Defensive Seamanship (Byington) (C&D) **872**, 88.
Last of the Four-Pipers? (Langenberg) (C&D) **863**, 85.
Small Craft Gap--Not Again (C&D) **833**, 94.
Vital Goal--A Workable Navy (C&D) **754**, 121.
Bond, Calhoun: Causeway Barge Method (C&D) **789**, 114.
Bonds, J.B.
The Mine Force--Where the Fleet's Going, It's Been (Schreadley) (C&D) **868**, 77.
The Navy Needs More Sailors **876**, 38. **881**, 76, 77. **882**, 77.
Navy Sailing Program (McWethy) (C&D) **810**, 101.
Bon Homme Richard (US) **399**, 764.
J.P. Jones's farewell on sinking **439**, 1381.
vs. Serapis: The Captain and the Convoy (OldNav). S.W. Bryant, Jr. **881**, 69.
Yankee Station (Pict). R.D. Moeser (photog.) **773**, 90.
Bonin Islands **250**, 2067, 2070.
Commodore Perry and. H. Kublin **589**, 283.
Farewell to Chichi Jima (Pict) **789**, 91.
Japan's Pearl Harbor, Ogasawara Jima. F. Henry and C. Roberts **489**, 1459.
Bonita (USS) **338**, 536.
Bonitas (It.): See: Tragedy Off Hatteras.
Bonner, E.P. **694**, 107.
Battle Stations (anec) **549**, 1371.
CIC Navigation (ProfNote) **740**, 120.
Shiphandling Notes for Large Ships (C&D) **761**, 125.
Shiphandling Notes for Large Ships (ProfNote) **754**, 140. **761**, 123, 125. **765**, 127.
Submarine Detection System (C&D) **753**, 111.
Unfaced Challenge, Submarine Versus Free World (C&D) **738**, 114.
"We Just Saluted You" (anec) **551**, 45.
Bonner, Edward (photog.): Shaping a Ship (Pict) **827**, 60.
Bonner, J.T.: Navy Without Weapons? (ProfNote) **828**, 113. **847**, 84.
Bonner, J.T., Jr.: Sober Reflections on a Mess Night **849**, 51.
Bonsignore, M.R.
Dolphins and Sonar (ProfNote) **736**, 147.
A Look at Our Lamps **826**, 26. **841**, 100.
Booda, L.L.: Farewell to Chichi Jima (Falk--Pict) (C&D) **793**, 103.
Bookkeeping: See: Paperwork.
Book Limitation, Notes on. J. Hanna **409**, 371. **412**, 870.
Book Notice: Modern Seamanship **98**, 438.
Book Reviews
Abbott, Patrick: Airship: The Story of the R.34 and the First East-West Crossing of the Atlantic by Air **868**, 92.
Admiral of the New Empire: The Life and Career of George Dewey. Ronald Spector **866**, 93.
Admiral William Veazie Pratt, U.S. Navy: A Sailor's Life. G.E. Wheeler **863**, 92.
Agee, Philip: Inside the Company: CIA Diary **874**, 85.
The Airship: A History. Basil Collier **868**, 92.
Airship: The Story of the R.34 and the First East-West Crossing of the Atlantic by Air. Patrick Abbott **868**, 92.
Albrecht, Gerhard (ed): Weyers Flottentaschenbuch 1973-74: **872**, 103.
Alexander, Jean: Russian Aircraft Since 1940: **884**, 106.
Almanacco Navale 1975. G. Giorgerini and A. Nani **872**, 103.
An American Company: The Tragedy of United Fruit. Thomas McCann **894**, 75.
Archer, D.H.R. (ed): Jane's Infantry Weapons 1976: **885**, 86.
Arming America: How the U.S. Buys Weapons. J. Ronald Fox **870**, 95.
Atlas of the Second World War. Peter Young (ed) **874**, 84.
Attack Aircraft of the West. Bill Gunston **876**, 87.
The Awesome Power: Harry S. Truman as Commander in Chief. R.F. Haynes **863**, 91.
Bailey, T.A., and P.B. Ryan: The Lusitania Disaster: An Episode in Modern Warfare Diplomacy **878**, 93.
Baldridge, H. David: Shark Attack **875**, 85.
Baldwin, H.W.: The Crucial Years, 1939-1941: The World War at War: from the Beginning through Pearl Harbor **889**, 89.
Barron, John: KGB: The Secret Work of Soviet Agents **874**, 85.
Basic Ship Theory. K.J. Rawson and E.C. Tupper **898**, 92.
(Battleships of the U.S. Navy in World War II): Schlachtschiffe der U.S. Navy im 2 Weltkrieg. Stefan Terzibaschitsch **895**, 100.
Battleships: United States Battleships in World War II. R.O. Dulin, Jr. and W.H. Garzke, Jr. **895**, 100.
Bekker, Cajus: Hitler's Naval War **869**, 88.
Belote, J.H. and W.M.: Titans of the Seas: The Development and Operations of Japanese and American Carrier Task Forces During World War II: **884**, 107.
Bennet, Geoffrey: Naval Battles of World War II: **881**, 88.
Bentley, John: The Thresher Disaster **868**, 91.
Berlitz, Charles: The Bermuda Triangle **871**, 87. **875**, 73.
The Bermuda Triangle Mystery--Solved (C&D) **875**, 73.
The Bermuda Triangle Mystery--Solved. L.D. Kusche **871**, 87.
Bishop, Jim: FDR's Last Year, April 1944-April 1945: **864**, 87.
Blair, Clay, Jr.: Silent Victory: The U.S. Submarine War Against Japan **869**, 87.
Blumenson, Martin: The Patton Papers, 1940-1945, Vol. II: **870**, 97.
Bodyguard of Lies. A.C. Brown **888**, 88.
Boeri, David, and James Gibson: "Tell it Good-Bye, Kiddo" The Decline of the New England Offshore Fishery **890**, 92.
Brissaud, Andre (Ian Colvin tr. and ed.): Canaris **870**, 99.
Brown, A.C.: Bodyguard of Lies **888**, 88.
Brown, David
Carrier Fighters 1939-1945: **884**, 107.
Carrier Operations in World War II: The Pacific Navies **869**, 90.
Carrier Operations in World War II: The Royal Navy **869**, 90.
Brown, Theo W.: Sharks, The Silent Savages **875**, 85.
Buell, T.B.: The Quiet Warrior: A Biography of Admiral Raymond A. Spruance (C&D) **864**, 79. **870**, 90.
Butow, R.J.C.: The John Doe Associates: Backdoor Diplomacy for Peace, 1941: **868**, 95.
Canan, James W.: The Superwarriors: The Fantastic World of Pentagon Superweapons **870**, 95.
Canaris. Andre Brissaud (Ian Colvin, tr. and ed.) **870**, 99.
Carter, Barry J.: Naval Wargames: World War I and World War II: **877**, 131.
Carrier Fighters 1939-1945. David Brown **884**, 107.
Carrier Operations in World War II: The Pacific Navies. David Brown **869**, 90.
Carrier Operations in World War II: The Royal Navy. David Brown **869**, 90.
Chant, Christopher (ed): How Weapons Work **897**, 94.
Charles A. Lindbergh and the Battle Against American Intervention in World War II. W.S. Cole **868**, 95.
Churchill as Warlord. Ronald Lewin

Book Reviews (Cont.)
Churchill... (Cont.)
864, 88.
The CIA and the Cult of Intelligence. Victor Marchetti and J.D. Marks 864, 91.
Clausewitz and the State. Peter Paret 896, 79.
Clifford, K.J.: Progress and Purpose: A Developmental History of the United States Marine Corps 1900-1970: 873, 86.
The Cloud of Danger: Current Realities of American Foreign. G.F. Kennan 897, 95.
Cole, W.S.: Charles A. Lindbergh and the Battle Against American Intervention in World War II: 868, 95.
Collier, Basil: The Airship: A History 868, 92.
Combat Fleets of the World 1976/77: Their Ships, Aircraft, and Armament. Jean Labayle Couhat (ed) 883, 86.
Command of the Sea: The History and Strategy of Maritime Empires. C.G. Reynolds 866, 91.
Communist Regimes in Eastern Europe. R.F. Staar 896, 80.
Copeland, Miles: Without Cloak or Dagger 864, 91.
Couhat, J.L.: Combat Fleets of the World 1976/77: Their Ships, Aircraft, and Armament 883, 86.
Cousteau, Jacques-Yves, and Philippe Cousteau: The Shark: Splendid Savage of the Sea 875, 85.
The Crucial Years, 1939-1941: The World at War--from the Beginning through Pearl Harbor. H.W. Baldwin 889, 89.
Cunningham the Commander, S.W.C. Pack 875, 83.
Curtis, Jeffery, and Ambrose Greenway: Soviet Merchant Ships 893, 95.
Davis, W.C.: Duel Between the First Ironclads 882, 84.
The Deadly Stroke. Warren Tute 868, 93.
Decisive Battles of the Twentieth Century: Land-Sea-Air. Noble Frankland & Christopher Dowling (eds) 887, 92.
Denton, J.A., Jr.: When Hell Was In Session 897, 93.
Die sowjetische Kriegsmarine. Ulrich Schulz-Torge 893, 96.
Doenitz at Nuremburg: A Reappraisal. H.K. Thompson, Jr., and Henry Strutz (eds) 894, 74.
Dousset, Francis: Les navires de guerre francaise de 1850 a nos jours (The French Navy From 1850 to the Present) 878, 92.
Duel Between the First Ironclads. W.C. Davis 882, 84.
Dulin, R.O., Jr., and W.H. Garzke, Jr.: Battleships: United States Battleships in World War II 895, 100.
Dull, J.R.: The French Navy and American Independence: A Study of Arms and Diplomacy 1774-1787: 881, 87.
Eisenhower: Portrait of the Hero. Peter Lyon 870, 97.
Electronics and Sea Power. Sir Arthur Hezlet 878, 91.
The Encyclopedia of Sea Warfare From the First Ironclads to the Present. Oliver Warner 882, 83.
Essame, H.: Patton: A Study in Command 870, 97.
The European Discovery of America: The Northern Voyages: A.D. 500-1600. S.E. Morison 864, 89.
The European Discovery of America: The Southern Voyages: A.D. 1492-1616. S.E. Morison 864, 89.
FDR's Last Year, April 1944-April 1945. Jim Bishop 864, 87.
Fioravanzo, Giuseppe: Storia del Pensiero Tattico Navale (History of Naval Tactical Thought 865, 89.
First World War Atlas. Martin Gilbert 874, 84.
Five Years to Freedom. J.N. Rowe 897, 93.
Flottes de Combat 1974. Henri le Masson and J.L. Couhat (eds) 872, 103.
Fox, J. Ronald: Arming America: How the U.S. Buys Weapons 870, 95.
Frankland, Noble, and Christopher Dowling (eds): Decisive Battles of the Twentieth Century: Land-Sea-Air 887, 92.
The French Navy and American Independence: A Study of Arms and Diplomacy 1774-1787. J.R. Dull 881, 87.
The French Navy from 1850 to the Present. Francis Dousset 878, 92.
From the Dardanelles to Oran: Studies of the Royal Navy in War and Peace 1915-1940. A.J. Marder 876, 87.
Generalissimo Churchill. R.W. Thompson 864, 88.
The Generals: Making It, Military Style. Maureen Mylander 865, 87.
The German Naval Officer Corps, 1890-1918: A Social and Political History. Holger H. Herwig 875, 84.
German Warships of the Second World War. H.T. Lenton 889, 90.
Getchell, D.R., P.H. Spectre, and George Putz (eds): The Mariner's Catalog, Vols 1 & 2 872, 105.
Giants in the Sky: A History of the Rigid Airship. D.H. Robinson 868, 92.
Gilbert, Martin: First World War Atlas 874, 84.
Giorgerini, G., and A. Nani: Almanacco Navale 1975 872, 103.
Goldhamer, Herbert: The Soviet Soldier: Soviet Military Management at the Troop Level 887, 94.
Gorshkov, S.G.: Sea Power of the State 885, 85. 889, 79.
The Great American Yacht Designers. Bill Robinson 871, 88.
Green, William, and Gordon Swanborough: The Observer's Soviet Aircraft 884, 106.
Gunston, Bill: Attack Aircraft of the West 876, 87.
Harriman, W. Averell, and Elie Abel: Special Envoy to Churchill and Stalin, 1941-1946: 881, 86.
Hayes, J.D., and J.B. Hattendorf. The Writings of Stephen B. Luce 872, 102.
Haynes, R.F.: The Awesome Power: Harry S. Truman as Commander in Chief 863, 91.
Herwig, Holger H.: The German Naval Officer Corps, 1890-1918: A Social and Political History 875, 84.
Hess, Stephen: Organizing the Presidency 890, 93.
Hewlett, R.G., and Francis Duncan: Nuclear Navy: 1946-1962: 866, 89.
Hezlet, Sir Arthur: Electronics and Sea Power 878, 91.
A History of Russian and Soviet Sea Power (C&D) 865, 79.
The History of Yachting. Douglas Phillips-Birt 871, 88.
Hitler's Naval War. Cajus Bekker 869, 88.
Hoehling, A.A.: Thunder at Hampton Roads 895, 102.
Hook, Thom.: Shenandoah Saga: Golden Anniversary: First U.S.-Built, Helium-Filled, Rigid Airship 868, 92.
How the Battleship Maine Was Destroyed. H.G. Rickover 888, 85.
How Weapons Work. Christopher Chant (ed) 897, 94.
Hubbell, J.G.: P.O.W. 897, 93.
In Coastal Waters (Im Küstenvorfeld): Friedrich Ruge 877, 130.
Inside the Company: CIA Diary. Philip Agee 874, 85.
James, D.C.: The Years of MacArthur, Vol. II, 1941-1945: 873, 87.
Jane's Fighting Ships: 1974-75. J.E. Moore (ed.) 863, 90.
Jane's Fighting Ships: 1975-76. J.E. Moore (ed.) 874, 83.
Jane's Fighting Ships: 1976-77. J.E. Moore (ed.) 887, 91.
Jane's Infantry Weapons 1976. D.H.R. Archer (ed.) 885, 86.
Jane's Surface Skimmers: Hovercraft and Hydrofoils: 1975-76. Roy McLeavy (ed.) 882, 85.
Jenson, Andrew, with Martin Abramson. The Trial of Chaplain Jensen (C&D) 863, 79. 868, 83.
The John Doe Associates: Backdoor Diplomacy for Peace, 1941. R.J.C. Butow 868, 95.
Kaiser, R.G.: Russia, The People and The Power 893, 98.
Kalb, Marvin, and Bernard Kalb: Kissinger 865, 89.
Kemp, Peter (ed.): The Oxford Companion to Ships & the Sea 890, 91.
Kennan, G.F.: The Cloud of Danger: Current Realities of American Foreign Policy 897, 95.
Kennedy, Ludovic: Pursuit: The Chase and Sinking of the Battleship Bismarck 863, 89.
Kennedy, P.M.: The Rise and Fall of British Naval Mastery 889, 88.
KGB: The Secret Work of Soviet Agents. John Barron 874, 85.
Kissinger. Marvin Kalb and Bernard Kalb 865, 89.
Kusche, L.D.: The Bermuda Triangle Mystery--Solved 871, 87.
Kusche, L.D.: The Bermuda Triangle Mystery--Solved (C&D) 875, 73.
Ky, Nguyen Cao: Twenty Years and Twenty Days 883, 89.
The Last European War: September 1939-December 1941. John Lukacs 889, 89.
Lefever, E.W.: TV and National Defense: An Analysis of CBS News, 1972-1973: 866, 92.
Le Masson, Henri, and J.L. Couhat (eds): Flottes de Combat 1974: 872, 103.
Lenton, H.T.: German Warships of the Second World War 889, 90.
Lewin, Ronald: Churchill as Warlord 864, 88.
Lewis, J.W., Jr.: The Strategic Balance in the Mediterranean 888, 85.
Loewenheim, F.L., H.D. Langley and Manfred Jonas (eds): Roosevelt and Churchill: Their Secret Wartime Correspondence 877, 129.
Luce, The Writings of Stephen B. J.D. Hayes and J.B. Hattendorf 872, 102.
Lukacs, John: The Last European War: September 1939-December 1941: 889, 89.
The Lusitania Disaster: An Episode in Modern Warfare and Diplomacy: T.A. Bailey and P.B. Ryan 878, 93.
Lyon, Peter: Eisenhower: Portrait of the Hero 870, 97.
Macintyre, Donald: The Naval War Against Hitler 869, 88.
Mahncke, Dieter, and Hans-Peter Schwarz: Seemacht und Aussenpolitik

Book Reviews (Cont.)
Mahncke... (Cont.)
876, 86.
Marchetti, Victor, and J.D. Marks: The CIA and the Cult of Intelligence 864, 91.
Marder, Arthur: Operation 'Menace': The Dakar Expedition and the Dudley North Affair 886, 94.
Marder, Arthur J.: From the Dardanelles to Oran: Studies of the Royal Navy in War and Peace 1915-1940: 876, 87.
The Mariner's Catalog, Vols 1 & 2. D.R. Getchell, P.H. Spectre, and George Putz (eds) 872, 105.
Marines in the Revolution: A History of the Continental Marines in the American Revolution, 1775-1783. C.R. Smith 873, 85.
Mayaguez, The Four Days of. Roy Rowan 875, 81.
McCann, Thomas: An American Company: The Tragedy of United Fruit 894, 75.
McGrath, J.M.: Prisoner of War 897, 93.
MccGwire, Michael, and Ken Booth and John McDonnell: Soviet Naval Policy: Objectives and Constraints 876, 85.
McLeavy, Roy (ed): Jane's Surface Skimmers: Hovercraft and Hydrofoils: 1975-76: 882, 85.
Mee, C.L., Jr.: Meeting at Potsdam 871, 89.
Meeting at Potsdam. C.L. Mee, Jr. 871, 89.
Meister, Jurg: Soviet Warships of the Second World War 898, 91.
Menaul, S.W.B. (ed): Royal United Services Institute and Brassey's Defence Yearbook, 1974: 874, 86.
Military Aircraft of the World. J.W.R. Taylor & Gordon Swanborough 884, 105.
Mitchell, D.W.: A History of Russian and Soviet Sea Power (C&D) 865, 79.
Moore, J.E. (ed): Jane's Fighting Ships: 1974-75: 863, 90.
Moore, J.E. (ed.): Jane's Fighting Ships: 1975-76: 874, 83.
Moore, J.E. (ed): Jane's Fighting Ships: 1976-77: 887, 91.
Moore, J.E.: The Soviet Navy Today 880, 85.
Morison, S.E.: The European Discovery of America: The Northern Voyages: A.D. 500-1600: 864, 89.
Morison, S.E.: The European Discovery of America: The Southern Voyages: A.D. 1492-1616: 864, 89.
Morris, Eric: The Russian Navy: Myth and Reality 898, 93.
Mylander, Maureen: The Generals: Making It, Military Style 865, 87.
Naval Battles of World War II. Geoffrey Bennet 881, 88.
The Naval War Against Hitler. Donald Macintyre 869, 88.
Naval Wargames: World War I and World War II. Barry J. Carter 877, 131.
Navies of the American Revolution. Antony Preston and David Lyon 872, 101.
No More Heroes, The Royal Navy in the Twentieth Century: Anatomy of a Legend. Charles Owen 880, 86.
Notable Naval Books of 1975. Jack Sweetman 875, 87.
Nuclear Navy: 1946-1962. R.G. Hewlett and Francis Duncan 866, 89.
The Observer's Soviet Aircraft. William Green and Gordon Swanborough 884, 106.
On War. Carl von Clausewitz (Michael Howard and Peter Paret eds and trans) 896, 79.
On Watch, A Memoir. E.R. Zumwalt 881, 85.
Operation "Menace": The Dakar Expedition and the Dudley North Affair. Arthur Marder 886, 94.
Organizing the Presidency. Stephen Hess 890, 93.
Owen, Charles: No More Heroes, The Royal Navy in the Twentieth Century 880, 86.
The Oxford Companion to Ships & the Sea. Peter Kemp (ed) 890, 91.
Pack, S.W.C.: Cunningham the Commander 875, 83.
The Papers of General Lucius D. Clay: Germany 1945-1949. Jean E. Smith (ed) 870, 97.
Paret, Peter: Clausewitz and the State 896, 79.
Patton: A Study in Command. H. Essame 870, 97.
The Patton Papers, 1940-1945 (Vol. II). Martin Blumenson 870, 97.
Pelz, S.E.: Race to Pearl Harbor...and the Onset of World War II: 865, 87.
Phillips-Birt, Douglas: The History of Yachting 871, 88.
Pictorial History of the German Navy in World War II. E.P. Von der Porten 889, 90.
Pipes, Richard (ed): Soviet Strategy in Europe 893, 97.
Polmar, Norman: Strategic Weapons: An Introduction 886, 93.
Polmar, Norman (ed): World Combat Aircraft Directory 884, 105.
P.O.W. J.G. Hubbell 897, 93.
Preston, Antony, and David Lyon: Navies of the American Revolution 872, 101.
Prisoner of War. J.M. McGrath 897, 93.
Progress and Purpose: A Developmental History of the United States Marine Corps 1900-1970. K.J. Clifford 873, 86.
Pursuit: The Chase and Sinking of the Battleship Bismarck. Ludovic Kennedy 863, 89.
The Quiet Warrior: A Biography of Admiral Raymond A. Spruance (C&D) 864, 79. 870, 90.
Race to Pearl Harbor: The Failure of the Second London Naval Conference and the Onset of World War II. S.E. Pelz 865, 87.
Rawson, K.J., and E.C. Tupper: Basic Ship Theory 898, 92.
Reaching Judgment at Nuremberg. B.F. Smith 894, 74.
Reynolds, C.G.: Command of the Sea: The History and Strategy of Maritime Empires 866, 91.
Rickover, H.G.: How the Battleship Maine Was Destroyed 888, 85.
The Rise and Fall of British Naval Mastery. P.M. Kennedy 889, 88.
Robinson, Bill: The Great American Yacht Designers 871, 88.
Robinson, D.H.: Giants in the Sky: A History of the Rigid Airship 868, 92.
Roosevelt and Churchill: Their Secret Wartime Correspondence. F.L. Loewenheim, Harold Langley, and Manfred Jonas (eds) 877, 129.
Rowan, Roy: The Four Days of Mayaguez 875, 81.
Rowe, J.N.: Five Years to Freedom 897, 93.
The Royal Oak Disaster. G.S. Snyder 895, 99.
Royal United Services Institute and Brassey's Defence Yearbook, 1974. S.W.B. Menaul 874, 86.
Ruge, Friedrich: In Coastal Waters (Im Küstenvorfeld) 877, 130.
Russia, the People and the Power. R.G. Kaiser 893, 98.
Russian Aircraft Since 1940. Jean Alexander 884, 106.
The Russian Navy: Myth and Reality. Eric Morris 898, 93.
The Russians. Hedrick Smith 893, 98.
Schulz-Torge, Ulrich: Die sowjetische Kriegsmarine 893, 96.
Sea Power of the State. S.G. Gorshkov 885, 85. 889, 79.
Seemacht und Aussenpolitik. Dieter Mahncke and Hans-Peter Schwarz (eds) 876, 86.
Shark Attack. H. David Baldridge 875, 85.
The Shark: Splendid Savage of the Sea. Jacques-Yves Cousteau and Philippe Cousteau 875, 85.
Sharks, the Silent Savages. Theo W. Brown 875, 85.
Shenandoah Saga: Golden Anniversary: First U.S.-Built, Helium-Filled, Rigid Airship. Thom Hook 868, 92.
Silent Victory: The U.S. Submarine War Against Japan. Clay Blair, Jr. 869, 87.
Simmons, E.H.: The United States Marines 873, 86.
Smith, B.F.: Reaching Judgment at Nuremburg 894, 74.
Smith, C.R.: Marines in the Revolution: A History of the Continental Marines in the American Revolution, 1775-1783: 873, 85.
Smith, Hedrick: The Russians 893, 98.
Smith, Jean E. (ed): The Papers of General Lucius D. Clay: Germany 1945-1949: 870, 97.
"Smokeless Powder, Nitro-Cellulose and the Theory of the Cellulose Molecule," and "Bulletin de l'Association Technique Maritime." 100, 841.
Snyder, G.S.: The Royal Oak Disaster 895, 99.
A Soldier Reports. W.C. Westmoreland 883, 87.
Soviet Merchant Ships. Jeffery Curtis and Ambrose Greenway 893, 95.
Soviet Naval Policy: Objectives and Constraints. Michael MccGwire, Ken Booth, and John McDonnell (eds) 876, 85.
The Soviet Navy Today. J.E. Moore 880, 85.
The Soviet Soldier: Soviet Military Management at the Troop Level. Herbert Goldhamer 887, 94.
Soviet Strategy in Europe. Richard Pipes (ed) 893, 97.
Soviet Warships of the Second World War. Jurg Meister 898, 91.
Special Envoy to Churchill and Stalin, 1941-1946. W. Averell Harriman and Elie Abel 881, 86.
Spector, Ronald: Admiral of the New Empire: The Life and Career of George Dewey 866, 93.
Staar, R.F.: Communist Regimes in Eastern Europe 896, 80.
Storia del Pensiero Tattico Navale (History of Naval Tactical Thought. Giuseppe Fioravanzo 865, 89.
The Strategic Balance in the Mediterranean. J.W. Lewis, Jr. 888, 85.
Strategic Weapons: An Introduction. Norman Polmar 886, 93.
The Superwarriors: The Fantastic World of Pentagon Superweapons. James W. Canan 870, 95.
Taylor, J.W.R., and Gordon Swanborough: Military Aircraft of the World 884, 105.
"Tell it Good-Bye, Kiddo" The Decline of the New England Offshore Fishery. David Boeri and James Gibson 890, 92.

Book Reviews (Cont.)
Terzibaschitsch, Stefan: Schlachtschiffe der U.S. Navy im 2 Weltkrieg (Battleships of the U.S. Navy in World War II) **895**, 100.
Thompson, H.K., Jr., and Henry Strutz (eds): Doenitz at Nuremburg: A Reappraisal **894**, 74.
Thompson, R.W.: Generalissimo Churchill **864**, 88.
The Thresher Disaster. John Bentley **868**, 91.
Thunder at Hampton Roads. A.A. Hoehling **895**, 102.
Titans of the Seas: The Development and Operations of Japanese and American Carrier Task Forces During World War II. J.H. and W.M. Belote **884**, 107.
The Trial of Chaplain Jensen. Andrew Jensen with Martin Abramson (C&D) **863**, 79. **868**, 83.
Tute, Warren: The Deadly Stroke **868**, 93.
TV and National Defense: An Analysis of CBS News, 1972-1973. E.W. Lefever **866**, 92.
Twenty Years and Twenty Days. N.C. Ky **883**, 89.
The Ultra Secret. F.W. Winterbotham **870**, 99.
The United States Marines. E.H. Simmons **873**, 86.
von Clausewitz, Carl (Michael Howard and Peter Paret eds and trans): On War **896**, 79.
Von der Porten, E.P.: Pictorial History of the German Navy in World War II: **889**, 90.
Warner, Oliver: The Encyclopedia of Sea Warfare From the First Ironclads to the Present **882**, 83.
Westmoreland, W.C.: A Soldier Reports **883**, 87.
Weyers Flottentaschenbuch 1973-74. Gerhard Albrecht (ed) **872**, 103.
Wheeler, G.E.: Admiral William Veazie Pratt, U.S. Navy: A Sailor's Life **863**, 92.
When Hell Was In Session. J.A. Denton, Jr. **897**, 93.
Winterbotham, F.W.: The Ultra Secret **870**, 99.
Without Cloak or Dagger. Miles Copeland **864**, 91.
World Combat Aircraft Directory. Norman Polmar (ed) **884**, 105.
The Years of MacArthur, Vol. II, 1941-1945. D.C. James **873**, 87.
Young, Peter (ed): Atlas of the Second World War **874**, 84.
Zumwalt, E.R.: On Watch, A Memoir **881**, 85.
Books: Navy in Literature. T. Taylor **596**, 1111.
Booms
Testing a torpedo-boat defense, illus. **131**, 970.
Testing of British bomb defenses (1908) **127**, 1062.
Boone, W.F. **676**, 112.
NATO—Keystone of Defense **674**, 23.
Boorn, Richard: See: Malo, H. American privateers **139**, 933.
Boot, E.R. **472**, 858.
Booth, M. **487**, 1223.
Booy, H. de **429**, 1641.
Bopp, Frederick, III: New Course for the NROTC **768**, 80. **771**, 127. **773**, 107, 108. **775**, 108. **777**, 111.
Boquet, A.H. (co-author): See: J.T. Tyler.
Borda, Juan Idiarte: Assassination of President Borda of Uruguay **333**, 976. **334**, 1163.
Borden, G.J.
Communications Afloat: A Need for Modern Design (ProfNote) **851**, 97.
L.S.O. **808**, 42.
Border, L.S.: Planning and Estimating at Navy Yards **388**, 809.
Borges, Richard, Jr.: The CV: A Survivable Concept? (C&D) **884**, 95. **894**, 65.
Bore Sighting
German Bore Sighting at Sea (ProfNote) **209**, 1137.
Submarine Torpedo Tubes. Donald Royce **208**, 873.
Borgen, K.P. **540**, 224.
Boring Mills: Warner and Swasey boring mill, photo. **134**, 522.
Boris (King of Bulgaria)
Abdication **190**, 2906.
Assassination Attempt **268**, 1090.
Boroff, David **722**, 110.
Borum, J.R. **673**, 103.
Boschen, H.C.: Why V/STOL? (O'Rouke) (C&D) **884**, 91.
Boschen, H.C., Jr.
For the Reserves: A Workable System (C&D) **806**, 93. **813**, 86. **824**, 97.
V/STOL, New Force for the Amphibious Task Force **809**, 46. **815**, 79.
Boston, Massachusetts
Bit of History **594**, 908.
Lighthouse **410**, 507. **410**, 508, 525. **517**, 440.
Boston Naval Shipyard: See: Pictorial Section.
Boston (USS) **492**, 192. **625**, 337.
See: Our First Steel Warships (Pict).
See also: Farenholt, A. **128**, 1279.
Cruise to China, 1839: **136**, 1084.
Boston Whaler: See: J.F. Ebersole.
Skimmer Ops.
Bothwell, R.L.: Creative Brainpower: Navy's Latent Resource (ProfNote) **714**, 133.
Botnia (German cruiser): Sunk by mine **179**, 166.
Bottomry: See: J.W. McCurdy. The Marine Surveyor.
Bottoms
Cleaning Ships' Bottoms by Divers. U. Sebree **69**, 133.
Ships: Lubricating to Increase Speed **81**, 167.
Bottorff, W.K.: Why Not a Naval Medical School? (C&D) **751**, 116.
Bouchier (FN) **330**, 754.
Bouffard, E.N.: NROTC: Quo Vadis? **893**, 33. **896**, 68. **897**, 82, 83. **898**, 79. **899**, 81, 83. **900**, 85. **902**, 80.
Bougainville
See: Solomon Islands.
Bush Navigation in the Solomon Islands. C.F. McGivern **852**, 68.
Boundaries, Where Are Our Seaward? A.L. Shalowitz **652**, 616.
Boundary disputes: The Bear and the Dragon. J.B. Wolf **801**, 84.
Bounty (Br.):
Descendants of mutineers **410**, 606.
HMS Bounty (OldNav). R.W. Wienpahl **738**, 170.
Bourne, Kenneth, and Carl Boyd: Captain Mahan's "War" with Great Britain **785**, 71.
Bourne, Nehemiah: Calkins, C.G., American Admirals in the British Navy **130**, 427.
Bouscaren, A.T. **708**, 114, 115, 116, 117.
Nature of the War We Are In **704**, 25.
Bouton, S.M.: Hunt for German arms **259**, 1531.
Boutwell, George S.: Paullin, C.O., Half century of naval administration **147**, 1219.
Bovey, W.: "Damn the Torpedoes....?" **440**, 1443. **441**, 1676. **442**, 1776.
Bowden, J.P.: Aspects of present pay bill **298**, 1267.
Bowditch: Old Navigation. L.F. Middlebrook **236**, 1749.
Bowditch, N. **418**, 1829. **454**, 1819. **591**, 559.
"Bowditch," 1802-1952. W.B. Lewis **592**, 653.
Logan, G.W., Sketch of life of Nathaniel Bowditch **108**, 927.
Mathematician, Navigator, Astronomer. E.S. Clark, Jr. **407**, 84.
Bowditch, The New (ProfNote). Donald McClench **634**, 1393.
Bowen, H.G., Jr.
Naval Aspects of Mission to Turkey **584**, 1041. **587**, 86.
Oiler-Command, a Rewarding Deep Draft Experience **667**, 83.
Bowen, R.A.: Multinational Corporations **839**, 54.
Bowen, T.W.: Parochial Attitude (anec) **751**, 77.
Bower, J.H., Jr.: In Defense of the Large Slow Target (ProfNote) **803**, 128. **811**, 94. **812**, 89.
Bowerman, G.H.: Sic Semper Tyrannis (anec) **702**, 57.
Bowers, J.T. **268**, 1022.
Bowers, J.V.
Mine Warfare Channel Markers (ProfNote **727**, 132.
Morale and Leadership on Small Noncombatants (ProfNote) **738**, 144.
Bowers, Paul (photog.): Seasprite helicopter--January 1973 Cover.
Bowers, R.H. **540**, 220.
Bougainville Rendezvous **593**, 763.
Flexible Family Financing **836**, 52. **844**, 94. **845**, 95.
Mid-Century Naval Leadership **612**, 177. **616**, 687.
No Substitute for Manpower **720**, 70.
Servicing Silent **609**, 1195.
Bowers, R.L.: Twentieth Century Penchant for the Offensive **775**, 58.
Bowes, H.N. and J.L. Degnan: Navy's Mathematical Submarine (ProfNote) **682**, 145.
Bowie, Nolan: Telling It Like It Is (ProfNote) **810**, 123.
Bowker, F.E. (BkRev) **783**, 118.
Bowker, H.F. **611**, 90.
Bowler, R.T.E., III
and D.R. Bowler: The Naval Officer: Manager or Leader? (Leadership Forum) **874**, 64. **878**, 85.
1985: Where Did All the Young Men Go? (ProfNote) **898**, 99.
Nuclear Warships and the Navy's Future (Rickover) (C&D) **866**, 78.
Retention: The Talk and the Deeds (McIntosh) (C&D) **837**, 96.
Sea Change (anec) **886**, 29.
Bowles, F.T.
New designs of naval vessels **104**, 984.
Notes on Bilge Keels **32**, 119.
Our New Cruisers: Description and Plans of Chicago, Boston, Atlanta and Dolphin **26**, 595.
Towing Experiments on Models to Determine Resistance of Full-sized Ships **23**, 81.
Bowling, R.A.
"Battle-mindedness" **836**, 41.
Escort-of-Convoy, Still the Only Way **802**, 46. **808**, 110, 112.
Naval Warfare Specialists **810**, 52.
No-Nonsense Discipline for Drug Abusers (Nobody asked me, but...) **894**, 72. **898**, 82.
The Nuclear Submarine: Riding High (Ruhe) (C&D) **869**, 82.
Some Aspects of ASW in the Royal Navy (C&D) **769**, 105.
United States Navy for the Future (Smith) (C&D) **821**, 89.
Where Have All the Tacticians Gone? **856**, 58.
Bowling, S.S. **619**, 1044.
Bowman, M.C. **442**, 1783. **452**, 1478.
Joint author: See: Ageton, A.A.
Bowman, R.C.: National Policy in the War of Wills **746**, 46.
Bowne, J.W.: Not Now, Men, I'll Tell You

Bowne, J.W. (Cont.)
When! (anec) **584**, 1071.
Bowser, A.L., Jr.: Bulldozing Through (anec) **589**, 263.
Bow Steering System—Jackson Nozzle--Is Developed for Ships (Nbk) **817**, 110.
Boxer (Br.) and Enterprise (U.S.) **397**, 371. **409**, 453.
engagement, 1813: Reproduction of painting by Landsil **165**, 1413.
Boxer (HMS): Sunk in collision **183**, 1146.
Boxer Rebellion **610**, 1365.
Experiences. J.K. Taussig **290**, 403.
Footnote to History **624**, 216.
On other duty. G.R. Clark **129**, 127.
We Will Do Our Best. O.P. Smith **309**, 979. **314**, 323.
Boxer (USS)
Cruise to the Orient 1832-34: **135**, 716.
Description **109**, 235.
Boycotts, Sanctions or Blockade--Economics in War of Today. B.O. Lisle **456**, 227.
Boyd, Carl (co-author): See: Kenneth Bourne.
Boyd, David C. **636**, 216.
Boyd, G.M. **711**, 114.
Polaris Test Ship (Pict) **714**, 93.
Seapower and the Superpowers (C&D) **796**, 104.
Boyd, J. Huntly, Jr.: Nimrod Spar: Clearing the Suez Canal **876**, 18.
Boyd, J.M.: Avast, You Lubber (anec) **558**, 907.
Boyd, L.J.M.: Boat-detaching apparatus **43**, 684.
Boyd, R.J., and H.S. Wolk: Pentagon's Whiz Kids (C&D) **764**, 124.
Boyd, R.: Torpedo Attack and Defense of USS Tennessee **41**, 266.
Boyden, H.: Mysterious Hot-Air Engine of Haiti **395**, 86. **399**, 714.
Boyden, H.D.
Air mapping in Haiti **293**, 793.
Curse of Santo Domingo **407**, 57.
Boyer, G.J.: Aspirin Anyone? (anec) **722**, 173.
Boyer, T.H. **670**, 123.
Boyes, J.L. **624**, 213.
and F.L. Frisbie: Another Problem in Resource Allocation--The Radio Frequency Spectrum Shortage (ProfNote) **874**, 94. **878**, 88.
Boylan, T.J.: Look Before You Leap (anec) **749**, 35.
Boyle, Richard
Arctic Passages of North America **791**, 48. **797**, 110.
1960: A Vintage Year for Submariners **812**, 35.
Boyle, Richard: Thoroughly Modern Management **836**, 34. **845**, 98.
Boyle, Thomas **343**, 1194.
Boy Scouts
The Boy Scout movement after four years **152**, 1259.
Service of British Boy Scouts in England during the war **153**, 1527.
Bracketless system, ship construction **282**, 1639.
Bradford, G. **605**, 787.
Bradford, J.C. (BkRev) **860**, 95.
Bradley, A.D.: Great-Circle Sailing **456**, 175.
Bradley, C.S.: Merchant Marine: Subsidies and Competition (C&D) **773**, 113.
Bradley, F. **343**, 1288.
Bradley, J.F., Jr.: Okinawa Postman **530**, 427.
Bradley, U.T.
Commo. Rodgers and naval administration **337**, 307.
Thomas ap Catesby Jones **366**, 1154, 1238. **370**, 1785.
Bradley, W.E. **701**, 102.
Bradley, W.W. **314**, 321.
Adult officer education **257**, 1122.
As navy views merchant marine naval reserve **319**, 767.
Diphenylamine **155**, 125.
See also: correction **162**, 562.
On personnel legislation **149**, 177.
Peter, the Great: Pirate of Tortuga **304**, 481.
Promotion of line officers **236**, 1713.
Tetra-nitro-aniline **162**, 533.
What Future Guam? **367**, 1276, 1384.
Wu and the War Lord (anec) **626**, 399.
Bradshaw, H.D.: Marine Corps Aviation: Cunningham to Chu Lai (Pict) **765**, 106.
Bradshaw, H.G. **785**, 103.
Overhauling the Overhaul **780**, 55. **785**, 103.
Brady, B.J. **351**, 749.
Brady, E.D.: Surface Warfare Officers: the Need for Professionalism (Hart) (C&D) **885**, 74.
Brady, W.J.: Last of the Four-Pipers? (Langenberg) (C&D) **868**, 79.
Braestrup, Peter (BkRev) **883**, 87.
Bragadin, M.A.
Mediterranean Convoys in World War II: **564**, 143. **568**, 679.
Royal Italian Navy's Last Victory **651**, 479.
Brainard, A.P. **770**, 117.
Russian Mines on the Danube **749**, 51. **754**, 118. **765**, 129.
Brainard, Hugh:
Against All Enemies (Hanks) (C&D) **810**, 96.
Leakology: The War of Words (Baker) (C&D) **896**, 65.
Brainerd, George E.: So Much To Do...So Little Time **835**, 62.
Braisted, F.A. **601**, 319.
Brämer, Hermann: Bring Back the Midgets (C&D) **780**, 108.
Bramlett, W.T., II: ASW: Some Surface Views (ProfNote) **878**, 99.
Branch, L.W. **413**, 1017.
Brand, E.S. **664**, 105.
Complicated Compliment (anec) **665**, 93.
Brandenburg, R.L. **725**, 106. **732**, 109. **735**, 110, 112, 113. **739**, 116.
Bainbridge Is Not the Answer **731**, 36. **732**, 109. **735**, 104, 108, 109. **736**, 117, 120. **739**, 117.
Destroyer Command: Critical ASW Subsystem **737**, 36. **741**, 109, 110, 111.
Brandon, Mrs. W.C.: Efforts in Order (anec) **752**, 45.
Brandt, E.S.R. **357**, 1689.
Armament by example and arbitration **269**, 1152.
Down Went McGinty to the Bottom of the Sea **347**, 67.
Economy of naval armament **357**, 1597.
Four-to-seven year enlistment **255**, 771.
National Defense, 1934: **373**, 317.
Naval Ratios and Neutrality **360**, 288. **370**, 1690, 1827.
Suggestion for naval reserve training **261**, 1786.
Treaty cruisers **343**, 1163.
Brandt, G.E. **258**, 1311. **274**, 2339.
Frozen toes but not cold feet **316**, 518.
How to shoot the service pistol **164**, 1251.
International hydrographic bureau **260**, 1658.
Man-overboard problem as applied to destroyers **327**, 419.
Maury's genius shown in old letter **269**, 1197.
Naval officer as public speaker **279**, 912.
Newspaper publicity **256**, 916.
Brandt, J.H.: Navy as indian fighter **330**, 691.
Brandyce, H.E.: Comparison of German and American navies **139**, 1072.
Brandywine (USS): Cruise to China, 1843: **136**, 1093.
Brannan, Peter: Royal Canadian Navy's "Beartrap" Helicopter Handling System (ProfNote) **750**, 141.
Brannen, P.B.: Conquest by Chicanery:
Conquest by Chicanery: Introduction to Soviet Technique **582**, 791.
Single Service: Perennial Issue in National Defense **658**, 1280.
Strength and Weakness in the Asian Littoral **670**, 68.
Brashears, G.W., Jr. **454**, 1786.
"Brass, The." Reginald Hargreaves **856**, 63.
Brassey, Lord: Quoted **356**, 1539.
Brassey, Sir Thomas: Types of warships omitted in recent (1909) programs of naval construction **130**, 610.
Brassey, T.: On Torpedo-boat Tactics. Tr. **14**, 400.
Bratman, R.L.: Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **808**, 102.
Braun, B.L.
Marching to the Rear (anec) **633**, 1249.
Readiness for Sea (anec) **632**, 1143.
Braun, Franz-Dieter (co-author): See: Karl-Heinz Reichert.
Braunschneider, F.J. **608**, 1130. **615**, 577.
Braunschweig (Ger.) **336**, 256. **353**, 1075. **357**, 1676.
Description **112**, 846.
Trials **130**, 608.
Bray, John **700**, 95.
Bray, S.E.: Approach omnimeter **232**, 965.
Braybrook, R.M.: V/STOL: Stalled? **860**, 32.
Braynard, F.O.
New Savannah **684**, 71.
Salute to a Queen (Pict) **805**, 70.
Unindentified Floating Objects **808**, 52.
USS Leviathan: A Whale of a Ship **865**, 84.
Brayton, H.M.: Mathematical formula for volume and center of gravity of projectile **236**, 1767. **239**, 126.
Braz, Louis **673**, 103.
Brazen (HMS) **330**, 753. **338**, 539.
Brazil
See: Old Navy. Incident in Rio.
Airplanes (U.S.) purchased **357**, 1684.
A.T. Beauregard **459**, 659.
Brazil Faces New Crisis Between Air Force and Navy (Nbk) **745**, 145.
Elections **351**, 755.
Extends Territorial Limits 200 Miles Out to Sea (Nbk) **808**, 133.
Hughes, C.E. visits **236**, 1837.
Maritime situation. C.C. Gill **280**, 1139.
Opposition between Argentina and Brazil. E. Gill **250**, 2126.
Prestes (Pres) visits U.S. **330**, 771.
Quiet Amazon. A.D. Condon **501**, 1373.
Rejected Naval Proposals **243**, 890.
Revolts **259**, 1595. **333**, 1053. **334**, 1155. **355**, 1360. **356**, 1509. **357**, 1663.
Rio Service Rivalry Stirs Cabinet (Nbk) **744**, 162.
Sleeping giant: World power of future. W.R. Carter **278**, 677.
Spain, Brazil Acquire U.S. Ships (Nbk) **764**, 165.
Track meet: On Your Marks. A. Hudson **604**, 597.
Treaty with Paraguay **322**, 1092.
U.S. naval mission to, objected to by Argentina **241**, 496.
Vargas government **335**, 130.
War College: U.S. officers assist **354**, 1219.
Withdraws from League of Nations **305**, 621.
Brazil--Air Force: Brazilian Air Strength (Nbk) **767**, 141.
Brazil--Naval Aviation
Brazilian Naval Air Arm Established (Nbk) **732**, 151.
Brazil's Naval Air Arm Goes Aboard (Nbk) **736**, 159.
Brazil--Navy
A.F. Pilots Join Brazil's Carrier (Nbk) **776**, 147.

Brazil—Navy (Cont.)
Brazilian Naval Academy. W.J. Freitas **568**, 633.
Brazilian naval mutinies, 1911: **137**, 280.
Brazilian Navy in World War I. W.L. Robinson **406**, 1712.
Brazilian Navy in World War II. H.C. Votaw **567**, 493.
Need of gunnery instructors, 1910: **136**, 1151.
Programs: 1905: **116**, 983. 1907: **122**, 847. 1908: **127**, 1051.
Strength of Brazil's Navy (ProfNote) **240**, 335.
U.S. Naval Officers as instructors in the Brazilian navy **154**, 1793.
Vessels building, 1907: **121**, 387. **123**, 1289. **124**, 1511. 1908: **127**, 1051. **128**, 1317. 1909: **129**, 287. **130**, 572. **131**, 951. **132**, 1270. 1910: **133**, 268. **134**, 596. **135**, 857. **136**, 1149. 1911: **137**, 280. 1912: **141**, 305. **143**, 1108. **144**, 1625. 1913: **145**, 362. **148**, 1727. 1914: **149**, 192. **150**, 492. 1915: **155**, 179.
See also: names of vessels.
Brazilian Navy to Get Four U.S.-Built SH-3D Helicopters (Nbk) **811**, 100.
Brazilian Transport, Destruction of **69**, 212.
Bread, red, white, and blue **586**, 1341.
Breaking economic strangle holds. A.R. Blessing **351**, 707.
Breck, Edward **309**, 1025.
Breck (USS) **346**, 1664.
Breckel, H.F. **294**, 875. **383**, 103.
Naval radio progress **267**, 790.
Radio for aircraft **285**, 2279.
Suicide flotilla **292**, 661. **295**, 1002. **301**, 219.
Vital importance of radio communication **229**, 383.
Volunteer Communication Reserve **383**, 24.
Breckinridge, J.C. **422**, 590.
Evaluation of Tactical School **381**, 1537.
Breckinridge, J.S.: Why Quantico? **309**, 969.
Breech Mechanism
Bethlehem Steel Co.'s breech blows **101**, 73.
Dawson-Buckham breech mechanism **101**, 147.
DeBange Obturator **104**, 998.
Inventions of new breech mechanism, 1902: **103**, 430, 724. **104**, 998.
Meigs-Hammar breech mechanism **101**, 146.
Safety loading arrangements for heavy guns, 1907: **124**, 1532.
Breed, J.B., III: Navigation Triangle: How to Solve It by Drawing It **589**, 299.
Breese, T. **256**, 877.
Breese (USS): Launched **185**, 1556.
Brehm, W.W.
Overseas Station Allowances (ProfNote) **695**, 152.
Underpaid Musician (anec) **666**, 81.
Bremen (airplane) **304**, 507.
Bremen (German cruiser): Sunk **161**, 304.
Bremen (German submarine): The Bremen's fate **200**, 1810.
Bremen (SMS) **219**, 785.
Bremen (SS) **308**, 929. **318**, 724. **319**, 810. **324**, 151. **327**, 448. **328**, 552. **334**, 1140. **343**, 1265. **349**, 438. **354**, 1235. **356**, 1537.
Bremse (German) **350**, 617. **356**, 1525. **338**, 542. **362**, 607. **364**, 909.
Brennan, J.P.: Use of Zombies in Amphibious Warfare (anec) **716**, 57.
Brennan, J.W.: Proximity Fuze; Whose Brainchild? **787**, 72.
Brent, Robert **767**, 104.
Mahan—Mariner or Misfit? **758**, 92.
Brenton, Sir Jahleel: Calkins, C.G. American Admirals in the British Navy **131**, 710.
Brequet 1150 Atlantic Aircraft (ProfNote) J.L. Corret **784**, 131.
Bresch, J.E.: Career Officer as Existential Hero (Deininger) (C&D) **818**, 91.
Breslau (Ger.) **235**, 1647. **311**, 44. **312**, 89. **315**, 475. **320**, 887. **351**, 701, 795. **357**, 1647.
Breslau (German Cruiser)
Attacked by Russian destroyers **158**, 1375.
Exploits of the Breslau, 1914: **153**, 1573.
Goeben and Breslau. S.F. Bryant **178**, 2833.
Illus.; description **144**, 1634.
Illus.; plans **158**, 1112.
Bretagne (French battleship): Description **158**, 1276.
Bretagne (French Training ship): Accommodation doubled **131**, 954.
Breton patrol **292**, 661.
Breuninger, K.W. **801**, 54.
Brewer, Carey: General Staff of the German Army **636**, 157.
Brewer, G.D.: Counterinsurgency Training for the Navy (ProfNote) **772**, 136.
Brewer, J.W. **681**, 103.
Brewer, John W. **631**, 1049.
Brewer, R.P., and W.J. Miller (comps and eds): To America—With Pride **881**, 52.
Brewington, C.W. **310**, 1114. **312**, 167.
Brewington, M.V.
Battle of Delaware Bay, 1782: **432**, 231.
Peabody Museum of Salem (Pict) **672**, 97.
Brezel, Henry: George Washington—June, 1959 Cover.
Brezet, F.E.: The French Navy: New Raison d'être **865**, 32.
Brezina, D.W.
The Only Option? (Lowe) (C&D) **827**, 94.
Professionalism and Writing (C&D) **801**, 108. **810**, 101. **811**, 98. **815**, 84.
Briand, Aristide **217**, 451.
Bridge Across the Atlantic, The. Yates Stirling, Jr. **271**, 1669. **273**, 2173.
Bridge, Case for Open. S.H. Kinney **491**, 25.
Bridge Control: A Modular Surface Ship Bridge Control System (ProfNote). J.G. Dimmick **883**, 98.
Bridge Design, Modern Destroyer. R.L. Scott **781**, 44. **784**, 113. **787**, 102, 103, 104, 105. **789**, 115. **796**, 96. **798**, 116.
Bridgeman, W.C. **264**, 288.
Bridgeport (U.S.) **354**, 1138.
Bridges
French Moving **665**, 112.
Golden Gate and San Francisco Bay Bridges. T.A. Kearney **386**, 476.
Bridges, R.L.
Damage Control, Ready or Not (C&D) **771**, 120.
Naval Gunfire Today and Tomorrow (C&D) **778**, 111.
Brier, A.K.: A Southerner Goes South (anec) **830**, 43.
Brigade, The Naval. J.C. Soley **13**, 271.
Briggs, F.R., Jr.: Detached Command—Multiple Duties of Armed Guard Officers **489**, 1469.
Briggs, G.K.: Respect for Authority (anec) **654**, 867.
Briggs, J.B.
Liquid Fuel for Torpedo-boat Boilers **45**, 454.
Submarine Electric Illumination **46**, 604.
Briggs, J.C.: Canal at Sea-level Could Produce Many Ecological Problems (Nbk) (C&D) **851**, 90.
Brigham, C.C.: Psychological tests **267**, 875.
Bright, Charles
Coast Telegraphic Communication **89**, 238.
Telegraphs in war time **157**, 1021.
Bright, S.R., Jr. **680**, 100.
Brightwell, Walter (artist): Refueling at Sea—December 1970 Cover.
Brightwork, polishing: First Endorsement: Forwarded. F. Lee **407**, 62.
Brilliant (HMS) **330**, 753. **334**, 1137. **338**, 539. **339**, 680.
and the Brave. John Bunker **668**, 83. **679**, 105.
Sunk **184**, 1380.
Brinckloe, W.B. **343**, 1254.
Brinckloe, W.D. **680**, 108. **684**, 97. **698**, 110. **712**, 114. **727**, 104.
Fleet Oiler (NewNav) **667**, 146.
Forrestal-Class Attack Carrier (NewNav) **665**, 144.
The Frigate (NewNav) **661**, 154.
Is the Versatile Line Officer Obsolete? **676**, 27.
The LST (NewNav) **705**, 174.
Military Decision and Future of Sea Power **693**, 82.
Missile Navy **660**, 23.
Research Navy **670**, 97.
Seamen and ships of desert **355**, 1333.
Brine, P.F. **479**, 104.
Briner, Robert R.: USS Newport News: The Last Heavy Cruiser (Pict) (C&D) **877**, 125.
Bring Back the Midgets. P.R. Compton-Hall **774**, 44.
Bring Back the Midgets (C&D) **780**, 108.
Brink, F.W.: The Jewish Lay Leader and I (OldNav) **878**, 66.
Brisbane (HMS): Launched; description **160**, 2023.
Bristol (HMS): Log of the Bristol **162**, 677.
Bristol, L.J.: Strictly in Uniform (anec) **653**, 765.
Bristol, M.L.: **291**, 588. **351**, 795. **353**, 1071.
Bristol, Mark
Admiral Mark Bristol in Turkey **650**, 441.
Appointed High Commissioner of U.S. in Turkey **200**, 1816.
High Commissioner to Turkey. Bern Anderson **647**, 17. **650**, 441.
Bristol, Mark L.: Naval Watch in the Mideast. G.W. Henderson and P.B. Ryan **893**, 66.
Britain's Postwar Naval Policy. B.B. Schofield **663**, 75.
Britannia (HMS)
Launched **113**, 210.
The 6 British Britannias **113**, 210.
Torpedoed **190**, 2872.
Trials **121**, 410.
Britannic (motor ship) **320**, 901.
Britannic (SS)
Description **151**, 931.
Sunk by mine **167**, 197.
British
Building New Guided Missile Destroyer (Nbk) **800**, 158.
coaling casualties, 1910-12: **147**, 852.
Fleet Air Arm, 1958 (Pict). Michael Rysworth **673**, 80.
lifeboat service. S.C. Douglas **247**, 1473.
naval supremacy: See: Royal Navy How [it] Met the Challenge.
occupation of Guantanamo Bay. F. Sherman **338**, 509.
offshore oil and gas resources: North Sea: Drilling Oil in Troubled Waters. Desmond Wettern **898**, 40.
Squadron on the Hudson, 1776: See: Cover Pictures—February, 1955.
Brittain, C.B.: On absence over leave **140**, 1412.
Britten, F.A.
Britten Bill. F.S. Craven **354**, 1127.
Is enactment of Britten bill desirable? J.K. Taussig **298**, 1256.
Naval conference proposed **311**, 71.

Britten, F.A. (Cont.)
Quoted re war **346**, 1706.
Brittin, B.H. **677**, 104.
International Law Aspects of Acquisition of Continental Shelf by United States **550**, 1541.
Piracy—A Modern Conspectus **747**, 71. **754**, 121.
See Your Navy Lawyer First **557**, 774.
Turkey and Chief Reid **580**, 611.
We Four Ensigns **766**, 106.
Who Will Own the Ocean's Wealth? (C&D) **748**, 120.
Britton, B.L. **612**, 220.
Navy Has Heart **548**, 1213.
Navy Stepchildren: Armed Guard **538**, 1495. **584**, 1103.
Britz, E.F., Jr.: Amelia Earhart's Final Flight (Holbrook) (C&D) **825**, 92.
Broadbent, E.W.
Aircraft in joint military-naval operations **342**, 1056.
Fleet and marines **337**, 369.
Joint Military-Naval Operations **373**, 321. **376**, 837.
Broadbent, J.: Letter **333**, 989.
Broadway (Br.) **463**, 1364.
Brock, J.D.: Full Speed Ahead (anec) **697**, 32.
Brock, R.J.: The Frustration Factor. (Shemanski) (C&D) **829**, 110.
Brockel, H.C. **684**, 103.
St. Lawrence Seaway: National Defense Aspects **675**, 23.
Brockett, W.A. **574**, 1379.
Brockhouse, R.A.: No Detail Was Overlooked (anec) **659**, 17.
Brodie system: The Navy and the Brodie (OldNav). George van Deurs **884**, 88.
Brody, S.I.: Problems of High Atltitude Flight **585**, 1191.
Broeker, P.G. (photog.): Atlantic Ocean—April 1969 Cover.
Broke, P.B.V. **401**, 946, 969. **407**, 106.
Broman, B.M.: Basic School, Quantico—Care of the Corps (Pict) **793**, 84.
Bromberg, B.L.: Our Russian War of 1918-1919 (Tolley) (C&D) **799**, 108.
Bronco—The Black Ponies (ProfNote). G.L. Winans **808**, 125.
Bronson, Amon: "Column as a battle formation." **147**, 959.
Bronson, E.D.
Those Mysterious Midgets (Stewart) (C&D) **866**, 87.
Three-Point Anchoring in the Deep Ocean (ProfNote) **864**, 100.
Brood of the Constitution
See: Benjamin, Park **163**, 925.
James M. Morgan (Illus) **161**, 126. **164**, 1259.
Brooke, B.H.: Keeping accounts of officers' messes **174**, 1755.
Brooke, R. **347**, 34.
Brooke (U.S.): DEG Tartar Missile System (NewNav). T.B. Buell **759**, 174.
Brooklyn (USS) **307**, 763. **335**, 70.
USS Brooklyn (Pict). John Alden **758**, 112.
Brooks, C.B., Jr.: Some Thoughts on Heavy Ships (ProfNote) **657**, 1250.
Brooks, D.: Naval Communication Reserve **421**, 350. **427**, 1342.
Brooks, L.P.: Vital Interests and Volunteer Forces **815**, 18. **824**, 91.
Brooks, Leroy, Jr.: Russo-Japanese Naval Engagement at Chemulpo in 1904: **300**, 126.
Brooks, R.
Casablanca—French Side of Fence **583**, 909. **586**, 1337.
Gentlemen's Agreement **593**, 701.
Brooks, R.S.
Human Relations at Work (C&D) **826**, 95.
Navy Electronic Warfare Simulator (ProfNote) **679**, 147.
Brooks, Russell **617**, 814. **665**, 112. **678**, 103. **700**, 98.
The Unknown Darlan **630**, 879.
Brooks, Sidney **698**, 100.
Ordnance Engineering Graduates Do Go to Sea (ProfNote) **697**, 136.
Pragmatic Leadership (ProfNote) **730**, 152.
Brooks, T.A.
Book Review **883**, 86. **884**, 106. **893**, 95.
Sea Power of the State (Gorshkov) (BkRev) (C&D) **889**, 79.
Soviet Carrier Strategy (Funkhouser) (C&D) **856**, 103.
Suez and the Soviets (Slonim) (C&D) **871**, 82.
Terror (Simpson) (C&D) **816**, 89.
Broome, J.C.: Material for book sought **622**, 1421.
Brophy, Frank: Essex: More than a Ship, More than a Class (Cross) (C&D) **876**, 83.
Brough, W.L., Jr.: Compulsory Military Training **505**, 275.
Broughton, N. **286**, 2413.
First naval officer **428**, 1455.
Broun, L.R. **641**, 767.
Pink Elephants (anec) **648**, 199.
Brow, H.J. **251**, 127.
Browde, Anatole: Our Crowded Skies (Koch) (C&D) **818**, 93.
Browder, R.P.: First Encounter: Roosevelt and the Russians, 1933: **651**, 523.
Brown, A.C. **579**, 537. **603**, 570. **667**, 105. **716**, 109.
Arctic Disaster: Maury's Motivation **779**, 78.
A Brief Account of the Progress of Navigation **5**, 93.
The Duchemin Compass **8**, 294.
John Elgar—America's First Iron Shipbuilder **571**, 991.
Launching the Battleships Kearsarge and Kentucky in 1898 (OldNav) **774**, 158. **778**, 104.
Naval Education (Prize Essay, 1879) **9**, 305.
Navigation A.D. 1594: **3**, 57.
Research Catamaran T-AGOR-16 (Froid) (C&D) **795**, 110.
U.S. Gunboat Nashville (OldNav) **664**, 152.
Brown, B.F.
Line Officer Looks at Military Law **613**, 290. **619**, 1041.
Research and Naval Officer **599**, 39.
Work or Worry in Atomic Age **585**, 1197.
Brown, B.H. (artist): Mobile Support Team, Mekong Delta: See: November 1968 Cover.
Brown, C.I.: 20th Century Mahan (Zumwalt) (C&D) **865**, 83.
Brown, C.R. **355**, 1349. **396**, 251. **528**, 202.
American National Strategy **566**, 355. **574**, 1372.
Being Measured for Suit of Clothes (anec) **564**, 127.
Development of Fleet Aviation during World War I **427**, 1297. **428**, 1489. **433**, 399.
Principles of War **556**, 621.
Promotions, Past and Future **372**, 157. **377**, 990.
Saga of Modern Sea Raider **444**, 238. **446**, 617.
Brown, Dan: Is Military Unionization an Idea Whose Time Has Come? (Kane et al.) (C&D) **897**, 74.
Brown, E.: Daddy of 'em all **260**, 1687.
Brown, E.B.
Buoys Will Be Buoys (Meade) (C&D) **841**, 108.
Feasibility of the Franklin Piloting Technique (ProfNote) **800**, 144. **804**, 92. **805**, 99. **810**, 98. **816**, 86.
Brown, E.M. **520**, 839.
Phantom Carrier (ProfNote) **768**, 138.
Brown, E.W. **413**, 1025.
Development of War Gases and Navy **433**, 334.
Human Machine in Deep-Sea Diving **412**, 822.
Human Mechanism and Submarine **453**, 1608.
Brown, E.W., Jr.: Dolphins: "Like an Arrow They Fly Through the Sea" **749**, 42. **755**, 115, 116.
Brown, Earle M.: Proposed new health record, 1905: **113**, 121.
Brown, F.A.: U.S. Navy Weather Stations in Siberia **713**, 76.
Brown, F.J. **591**, 559.
Base Pay, How About? (anec) **674**, 89.
Brown, F.M.: Half Century of Frustration **616**, 631.
Brown, F.S., Jr.: Safe Diagnosis (anec) **756**, 69.
Brown, G., Jr. **345**, 1558.
Brown, G.V. **701**, 99. **716**, 177. **717**, 119.
Arctic ASW **709**, 54.
Inactive Line (ProfNote) **718**, 137.
Sea Power in Reserve **772**, 74. **775**, 111.
Brown, J.A. **663**, 117. **675**, 108.
Ocean Radar Station Ship (NewNav) **666**, 144.
Brown, J.B.: Death of Fleet **457**, 345.
Brown, K.L.: Mr. Madison's Secretary of Navy **534**, 967.
Brown, L.C. **705**, 110.
Brown, L.J.: The Knox-class Frigate—A Reassessment (Buell) (C&D) **878**, 82.
Brown, Lytle: Nicaraguan Canal (ProfNote) **336**, 270.
Brown, Moses: Portrait **148**, 1467.
Brown, Nicholas
and J.E. Davis and H.S. Graeb **652**, 666.
Changing Role of the Officer of the Deck (ProfNote) **835**, 112.
Brown, Paul: See: Paul Bowers.
Brown, R.D., Jr.
No Such Word in Their Book (anec) **727**, 33.
Traffic Control in the Panama Canal (ProfNote) **700**, 122.
Brown, R.F.: Role of the Junk Fleet Advisor in Base Defense (ProfNote) **788**, 128. **798**, 118.
Brown, R.L.: Postal Exchange (anec) **663**, 83.
Brown, R.M.G.
The Naval Station at Norfolk, Va. **41**, 271.
Steering Apparatus **44**, 271.
The USS Alarm **10**, 499.
Brown, S.J.
Gun construction by radial expansion **214**, 1941.
On U.S. Naval Academy training **139**, 1033.
The Proposed Abolition of the Astronomical Day **35**, 753.
Brown, S.M.: (joint author) See: Watson, E.S.
Brown, T.A.
ANSCOL at Naval War College **517**, 433.
Solving Logistics Problem **522**, 1083.
Brown, V.H.: Keeping It Dark (anec) **669**, 86.
Brown, Val, Sr.: He Understood the Question (anec) **764**, 51.
Brown, W.
Argentine admiral **411**, 764.
Our Unofficial Diplomats Abroad **594**, 869.
Brown, W.E. **388**, 856.
Are you worth it? **274**, 2328.
Captain Clark's Thumb Rules **476**, 1437.
Fiat Justitia, Ruat Caelum, Chinese Style **429**, 1585.
Send Midshipmen to Sea **469**, 385.
Brown, W.L.: Literature of Sea **452**, 1424.
Browne, D.L.: Dust and Mud and the

Browne, D.L. (Cont.)
Viet Cong **811**, 52.
Browne, J.B. **464**, 1467.
Brownell, J.A. **515**, 81.
Brownell, T.C.: Improvement in Star Finding **467**, 79. **468**, 249.
Browning, D.G., and R.W. Bannister: Project Kiwi One--New Dimensions in Underwater Sound (ProfNote) **875**, 104.
Browning, F.H.: Action of Ocean Waves **514**, 1475.
Brown Segmental Wire Cylinder, Test of. G.N. Whistler **59**, 529.
Brown Shoes, Pink Patent Pump Among the (C&D) **814**, 83.
Brownson, H.G. **358**, 1847. **384**, 250.
Naval policy in peace and war **342**, 1007.
Naval Policy of United States **361**, 468. **365**, 975, 1090. **370**, 1784.
Price of peace **358**, 1771.
Sea Power and World Peace **418**, 1689.
Sea Power and World Unity **328**, 473.
Technical Aspects of Jutland **379**, 1249.
Brownson, W.H. **368**, 1421, 1424, 1525.
On the elements of fleet tactics **118**, 676.
Brownson, Willard H. **840**, 82, 84.
Bruce, B. **423**, 746.
Electric Drive **158**, 1197.
Natural Competition **549**, 1367.
Bruchez, E.V.: Inside Information (anec) **582**, 819.
Bruckner, J.W.: Confusing the Small Boys (NAMB) **885**, 84.
Brudno, R.J.: Leadership Lab Concept--A New Approach (C&D) **816**, 85.
Bruemmer, J.L.: What Seems to Be the Problem? (anec) **700**, 69.
Bruen, C.J. **359**, 106.
Brueys, F.P.
Conquest of territory overseas **127**, 980.
Expedition to Egypt, 1708. See: Daveluy, R.
Significance of Aboukir Bay. R.A. Cahill **773**, 79.
Bruins, B.D.
Backfire: Long Shadow on the Sea-Lanes (O'Neil) (C&D) **898**, 81.
Territorial Sea: A Wider View (Cooper) (C&D) **858**, 84.
Bruland, B.: Protection of Merchant Shipping (C&D) **744**, 117.
Brumbach, L.E., and J.F. Duvivier: Farewell to "Spads" (C&D) **754**, 115.
Brumby, F.H.: Daylight Sight of Polaris **456**, 225. **458**, 553. **460**, 857.
Brumby, F.H., Jr. **586**, 1341.
When Navy Landed in Japan **608**, 1120.
Brumby, T.M., and W.E. Wight: Fall of Manila, August 13, 1898: **690**, 88.
Brunner, L.T.: Security Clearance (anec) **797**, 78.
Brunson, B.A.: Oil Pollution--Carelessness or Crime? (Butler) (C&D) **847**, 87.
Bruton, H.C.: Let Pass Safety the Awa Maru (Speer) (C&D) **857**, 88.
Bruzek, J.C. **779**, 100.
U.S. Schooner Yacht America (OldNav) **775**, 159.
Bryan, B.C.: Promotion in navy **222**, 1251.
Bryan, G.R. **723**, 117.
Bryan, G.S. **427**, 1346. **478**, 1759. **486**, 1118.
Aeronautical Charts **469**, 349. **472**, 854. **487**, 1238.
Commercial Oversea Aviation Routes **452**, 1427, 1525.
Los Jardines, (E.D.) **446**, 520. **448**, 867.
Naval Hydrographic Office **525**, 1395.
Wilkes Exploring Expedition **440**, 1452.
Bryan, H.F., Tr.
The fight for the initial position **126**, 581.
Rz., E. v. Gun distribution aboard modern battleships and its influence on naval tactics (from the German). Comments by P.R. Alger and B.A. Fiske **121**, 205.
The fight for the initial position **126**, 581.
Transmission of orders during naval battles of the Russo-Japanese war **145**, 283.
Bryan, J., III: Ultimate Insult (anec) **670**, 84.
Bryant, S.F.
Aspects of Future World Power **394**, 1755.
Goeben and Breslau **178**, 2833.
Should government of Samoa be changed **331**, 834.
United States and Russia in World Equilibrium **380**, 1405.
World economics and disarmament **339**, 623.
Bryant, S.W., Jr.: The Captain and the Convoy (OldNav) **881**, 69.
Bryant, W. Robert: "For Those in Peril..." (ProfNote) **878**, 105.
Bryce, D.G.: World's Record for Naval Service (OldNav) **711**, 168.
Bublitz, R.E.
Book Reviews **737**, 114. **746**, 117. **814**, 90. **835**, 99. **864**, 91. **870**, 99. **874**, 85.
The Breaking Point (anec) **809**, 59.
Enough Men to Put Down One Revolution (anec) **770**, 39.
Just an Oversight (anec) **791**, 111.
"...a most successful naval visit." **787**, 36. **790**, 104.
Sentinels at the Bridge (C&D) **782**, 104.
Stars, Stripes, and Gresham's Law (C&D) **788**, 110.
Buccaneers: See: Piracy.
Buchalter, Joseph: Spanish Naval Academy **655**, 971.
Buchanan, C.A. **720**, 120.
Buchanan, F. **392**, 1389.
Founding of Naval Academy by Bancroft and Buchanan. H.F. Sturdy **392**, 1367.
Buchanan, Franklin: Study of Divided Loyalties. O.D. Swartz **718**, 61.
Buck, D.E.: Field Promotion: Reward or Punishment (C&D) **779**, 99.
Buck, J.A. **611**, 91.
Buck (U.S.) **795**, 115.
See: Cover Pictures--March, 1957.
Buckau (Ger): See: Baden-Baden.
Buckingham, J.S.: U.S. Navy in 1842, as Seen by a Britisher (OldNav) **767**, 142.
Buckingham, W.L.: Plan For All Seasons (Lyon) (C&D) **802**, 108.
Buckley, D.F.: The Navy Gets Bad Press (NAMB) **883**, 84. **887**, 87. **895**, 93.
Buckley, F.D. (Joint author): See: Joint Author: See: Barkley, R.L.
Let's Try New Weapon **459**, 691.
Buckley, Frank: U.S. Naval Ship Design: Platforms vs. Payloads (Leopold) (C&D) **873**, 75.
Buckley, W.J. **664**, 104. **668**, 107.
By Their Stripes Ye Shall Know Them (anec) **641**, 721.
Cod (Fish) Delivery (anec) **640**, 609.
I Remember Pearl Harbor (Taussig) (C&D) **851**, 80.
Just So Long as He Bathes Frequently (anec) **661**, 51.
Buckman (U.S. SS): Holdup. S.A. Wheeler **447**, 644.
Bucknell, H.C., III: Modern Realities in Naval and Foreign Affairs **838**, 32. **847**, 90, 92. **850**, 84. **853**, 91.
Bucknell, Howard
Aftermath of the Elath (Colvin) (C&D) **805**, 87.
Give of Yourself, Captain **736**, 66.
Bucknell, Howard, III: **656**, 1120.
See: H.F. Cope. Command at Sea.
From "Alfa" to "Inzanity" With the Small Ship Exec **648**, 172.
Bucknil, J.T.
The Destruction of the Maine **87**, 510.
On Coast Defenses **93**, 220.
Budgets
Allocation of dollar **240**, 332.
Automobile **446**, 569.
Bureau of the Budget and Defense Fiscal Policy. D.G. Gumz **674**, 80.
Ensign's. J. Snedeker **310**, 1080.
The FY '64 Budget and the "Facts of Life" **726**, 102.
National Military Establishment and Dollars. J.E. Hamilton **561**, 1217.
National system. L.C. Dunn **256**, 948.
Naval
See: under countries.
Annual naval appropriation bill. D. Potter **358**, 1723, 1802.
Overview of the Defense Budget. E.T. Reich **813**, 23.
Program Packages--Opportunity and Peril. H.C. White and R.J. Massey **706**, 23.
Program Packaging **710**, 106. **715**, 108.
Strategy for Thrift. J.T. Salmon **417**, 1577.
Buehler, W.S. (BkRev) **830**, 107. **838**, 91.
Buell, Augustus C.: Paullin, C.O. When was our navy founded? A Criticism of A.C. Buell's "Paul Jones, founder of the American Navy." **133**, 255.
Buell, K.L.
Defense against propaganda **291**, 534. **296**, 1114.
How to recognize propaganda **297**, 1201.
Psychology of pacifism **304**, 473.
Buell, T.B.
Assignment to New Construction **749**, 68. **753**, 113. **754**, 118. **757**, 119.
Battle of the Philippine Sea **857**, 64. **859**, 88. **861**, 102. **862**, 77.
Can We Really Afford Surface ASW Ships? (Alexander) (C&D) **862**, 74.
DEG Tartar Missile System (NewNav) **759**, 174.
The Knox-class Frigate--A Reassessment (ProfNote) **873**, 93. **878**, 82.
Saga of Drydock One **809**, 60. **814**, 85. **816**, 86.
Shipboard Habitability: Restricted Areas (Byington) (C&D) **834**, 95.
The Silent Vote (Dengler) (C&D) **820**, 93.
To Build a Better Ship on Time **761**, 91. **765**, 124, 125.
Buenano, M.J. **410**, 554. **428**, 1491. **431**, 147. **555**, 589.
Buenaventura SS: Torpedoed **189**, 2667.
Buena Ventura (U.S.) **411**, 631.
Buenzle, F.J.
Collier Merrimac **452**, 1447.
Old-Navy Stuff **472**, 800.
Buerkle, E.C.: Linoleum cuts **343**, 1149.
Buffalo (USS) **335**, 67.
Buffington, E.C.: Precise Positioning for Deep Mooring (ProfNote) **774**, 139.
Bufkins, R.L.
Big Deal (anec) **577**, 275.
Eager Beaver Patrol (anec) **581**, 707.
Made in U.S.A. (anec) **609**, 1199.
Navigational Wizard (anec) **603**, 527.
Perfect Performance (anec) **579**, 489.
Rougher and Tougher (anec) **579**, 475.
Special Delivery (anec) **583**, 925.
Target Practice (anec) **609**, 1217.
Younger Generation (anec) **591**, 509.
Bui Chu Means Valiant. T.A. Dooley, III: **635**, 45.
Builder, C.H.
Co-author: See: J.A. Winnefeld.
Time to Secure the Seas (Case) (C&D) **853**, 101. **858**, 96.
The Vulnerable Homelands (Backus) (C&D) **830**, 103.
Building association, Navy **366**, 1116.
Bulgaria **311**, 74. **334**, 1158. **349**, 436.
Assassination Attempt on King Boris **268**, 1090.
Bulgaria--Navy: Program, 1914: **149**, 192.

Bulk carriers: Transport News: A Maiden Voyage (Nbk) **726**, 152.
Bulkheads
Necessity of non-return valves in suction pipes passing through bulkheads **172**, 1309.
Origin of water tight compartments. E. Snow **204**, 286. **242**, 601.
Watertight subdivision of merchant ships. H.E. Rossell **158**, 1205.
Bull, W.S. **535**, 1105.
Bullard, B.: Military communications **279**, 817.
Bullard, B.A. **344**, 326. **1404**, 333.
Bullard, B.S.: Great Lew Chew Island **532**, 705.
Bullard, Beirne S. **170**, 774.
On the three factors of battleship design **189**, 2519.
Plea for the battlecruiser **160**, 1897.
Bullard, Bierne S., tr.: Renan, H., and others. Determination by radio of the difference of longitude between Paris and Bizerte **147**, 1269.
Bullard, Mrs. B.S.: Cuttlefish sponsor **374**, 579, 588.
Bullard, R. **609**, 1254.
Bullard, W.H.G.
Broadcasting to millions **297**, 1243.
Cutler-Hammer Mfg. Co.'s differential system of turret training gear, illus. **134**, 543.
Radio situation **248**, 1623.
U.S. Naval Radio Service **150**, 431.
Bulldog (HMS) **330**, 753. **334**, 1137. **338**, 539.
Bulldog (U.S.): Row Galley. E. Snow **401**, 991.
Bullfighting: Hat in the Ring. B.W. Blee **786**, 83.
Bully Hayes: Pirate de luxe. J.B. Musser **295**, 956. **304**, 492.
Bulmer, R.W.: Prestige and the Navy Family (C&D) **745**, 104.
Bulwark (HMS) **851**, 45.
Destruction of the Bulwark **155**, 247.
Bumper, Origin of word **849**, 53.
Bunau-Varilla, Philippe **887**, 36, 38.
Bunau-Varilla, Protagonist of Panama. G.J.B. Fisher **367**, 1313. **370**, 1826.
Bunker Hill (U.S.)
Carrier Will Be Electronics Lab (Nbk) **751**, 151.
Last Crunch (C&D) **852**, 90.
Bunker, J. **625**, 333, 334. **627**, 590. **642**, 879, 880. **673**, 103. **679**, 105. **686**, 115.
America's Iron Ore Needs **638**, 385.
The Brilliant...and the Brave **668**, 83.
Gallant Cedar Mills **651**, 532.
Ship That Sailed Without Sails (C&D) **806**, 97.
Story of Stephen Hopkins **621**, 1254.
Tribute to the Liberties **685**, 55. **690**, 111, 112. **694**, 107, 108.
Bunker, Paul D.
Athletics and amusements office, Fort Slocum, N.Y. **141**, 211.
On the Navy and coast defense **130**, 382.
Bunker, R.M.: Army's Floating Nuclear Power Plant (ProfNote) **774**, 135.
Bunkley, J.W.
Droop of guns **172**, 1217.
"Woozlefinch": Navy 14-inch railway guns **339**, 584.
Bunts, F.M. **268**, 1021.
Buoyant Escape. G.W. Kittredge **662**, 60.
Buoyant Materials for Navy Life Preservers in World War II. A.L. Holden **524**, 1327.
Buoys Will Be Buoys. J.F. Meade **837**, 74. **841**, 108. **846**, 91. **850**, 91.
Burbank painting of Hopkins (U.S.) **396**, 158.
Burchis, Mustapha, and A.M. Johnson: Final Resting Place of Heroes of Barbary Wars **643**, 969.
Burdeau, E.K.: Officer Appraisal in the Armed Forces (C&D) **750**, 117.
Burdick, C.B.: Laconia Affair (C&D) **740**, 102.
Burdick, H.F., Jr.: God Speed (anec) **736**, 55.
Bureaucracy
Civil-Military: Erosion of an Ethic. P.R. Dunwell **889**, 56. **892**, 89. **894**, 66.
Thoroughly Modern Management. Richard Boyle **836**, 34. **845**, 98.
Bureau of Ships: EDOs: the Dwindling Muster. C.R. Peck **754**, 46. **757**, 113. **761**, 117, 119.
Bureau System, history of: Bureaus Go On Forever. T.W. Ray **779**, 50. **783**, 105. **787**, 111. **804**, 95.
Burch, C.D.: Nuclear Carrier and Modern War (Schratz) (C&D) **838**, 88.
Burford (Br.) **385**, 377.
Burgess, C.F. (BkRev) **873**, 85.
Burgess, C.P. **539**, 82.
Burgess, G.K.: Bureau of standards **275**, 148.
Burgess, J.E.
The Female Naval Aviator: A Free Ride? (Shipman) (C&D) **874**, 75.
Naval Aviation: Keeping the Faith (NAMB) **884**, 102.
Survival of the Fittest in Naval Aviation **824**, 42.
Burgett, W.A. **624**, 214.
Burial rituals: Light in Pacific. C.W. Lindgren **590**, 398.
Burk, C.A.D. **301**, 220.
Burke, A.A. **550**, 1565. **580**, 655, 679. **596**, 1145. **625**, 339.
See: Cover Pictures--August, 1961.
Admiral Marc Mitscher: A Naval Aviator **866**, 53. **869**, 79. **870**, 87.
Art, Science, and Innocence Involved in Becoming CNO. J.H. Horrocks, Jr. **803**, 18. **808**, 104. **810**, 101.
Book Review **745**, 114.
Commentary on Gorshkov article (Part 8): **858**, 68.
Dissidence Is Not a Virtue: (Leadership Forum) **878**, 78. **881**, 79. **882**, 77. **885**, 80.
Joint Chiefs of Staff in Operation (ProfNote) **649**, 337.
Membership Memorandum **638**, 459.
Vinson Hall--A Friend in Need **840**, 4.
War Has Its Lighter Moments (anec) **835**, 79.
Young Officers and Leadership **863**, 4.
Burke, E.: Quoted on economy **345**, 1593.
Burke, G.K.: Time to Secure the Seas (Case) (C&D) **853**, 101. **858**, 96.
Burkhead, L.H., and Benson, W.H.: Star identification diagram **271**, 1667, 1723.
Burkle, F.M., Jr.: Delta Med, A Fitting Memorial **813**, 35.
Burkman, G.K. **621**, 1273.
Burks, J.S. Soviet Submarine Force (Wells) (C&D) **826**, 91.
Burlingame, A. **347**, 60.
Burlingame, C.R.: Hawaiian Music (anec) **593**, 749.
Burners, Safety device for oil **232**, 1049.
Burnet, D.: Letter from Sailor **576**, 153.
Burnett, D.R.: The Sexually-Integrated Warship (NAMB) **890**, 90. **893**, 83. **894**, 63. **897**, 77.
Burnett, R.C.: Heavenly Hook-Up (anec) **616**, 630.
Burney, D.: Influence of aircraft on sea power **328**, 559.
Burnham, O.T.: The Fourth Coast: Five Lakes and Five Rivers (NavRev) **867**, 174.
Burns, C.E.
Is Military Unionism an Idea Whose Time Has Come? (Kane et al.) (C&D) **889**, 82.
Who Gets the Gravy While the Navy Gets the Beans (Thomas) (C&D) **889**, 82.
Burns, G. **523**, 1221.
Burns, Otway: Maclay, E.S., Exploits of Otway Burns, privateersman and statesman. (Ports). **163**, 873.
Burns, Owen: Portrait **163**, 875.
Burns, P.L.: Can You Hear Me? (anec) **689**, 53.
Burns, R.C. **636**, 207.
Palawan Rescue **568**, 652.
Burns (USS): Launched **186**, 1861.
Burns, W.H.: Strategic naval bases **311**, 66.
Burpo, R.S., Jr. **547**, 1161. **594**, 906.
Burrage, G.H.
Mystery of line of bearing **217**, 379.
Notes on ship handling; finding the course **177**, 2555.
That Priceless Last Minute (anec) **574**, 1343.
Time board **276**, 288.
Time element in maneuvering **149**, 135.
When plotting three bearings and they fail to cross in a point **139**, 1011.
Burrill, C.G., II: We Take No Chances (anec) **799**, 136.
Burrough, E.W.: Submarine sizes **298**, 1292.
Burrowes, T. **680**, 98.
Burrows, A.C.
Brief for submarine **306**, 644.
You Can Own Your Home in Navy! **403**, 1255. **407**, 100. **411**, 712.
Burrows (USS) **258**, 1344.
Emergency repairs to a destroyer, illus. J.F. Hellweg **149**, 63.
Burt, J.H. (joint author): See: L.B. Green.
Burt, W.V.: Can Mid-Latitude Storms Be as Severe as Tropical Typhoons and Hurricanes? (ProfNote) **664**, 127.
Burtness, P.S., and W.U. Ober **728**, 125.
Burton, C.J.: Helicopter in the Fleet **683**, 45.
Burton, E. (joint author): See: Karig, W.
Burton Island (U.S.) **550**, 1491.
Burza (Pol.) **352**, 925. **356**, 1525.
Was a Destroyer. A.A. Aronson **659**, 18.
Busby, J.C. **603**, 563.
Mobile Support, Refinements in **644**, 1082.
N.I.S. **608**, 1115.
Some Implications of Robotry **723**, 51.
To Increase Our Combat Effectiveness **587**, 59.
Uniform Problem **558**, 895.
Busby, M.D.: Early Command--Who Wants It? (C&D) **786**, 105.
Bush, L.M.: You Ain't Seen Nothing Yet (anec) **598**, 1347.
Bush, W.R.: Submarine Memorials (Pict) (Hagerman) (C&D) **833**, 93.
Bushing, Rubber stern tube **334**, 1143.
Bushnell, D. **427**, 1279.
First American Submarine. D.W. Thomson **468**, 176.
Turtle, First American Submarine. H. Sanders **406**, 1743.
Bushnell (USS) **330**, 711.
Bushnell (U.S. submarine tender): Description **147**, 1354.
Business
and Navy Food. M.H. Karker **227**, 81.
Both sides of question. J.C. Hoffman **321**, 938.
Management, Navy Advances in. L. Lee, Jr. **539**, 43.
Organization of Navy. C. Morris **284**, 1970.
Busse, N.W.: Not Wholly Comatose (anec) **644**, 1053.
Bussert, J.C.
Electronics PMS: The Unkept Promise (Schelin) (C&D) **868**, 81.
Navy Enlistee, 1975--From Where? (ProfNote) **823**, 105.
Navy Gap in the Seventies **832**, 18.

Bussert, J.C. (Cont.)
Soviet ASW (ProfNote) **834**, 112.
United States Navy for the Future (Smith) (C&D) **824**, 93.
USN—Middle Age Spread **844**, 18. **849**, 92.
Bustard, M.E.: USS King (DLG-10) (NewNav) **697**, 161.
Butcher, J.R., Jr. (artist): Marine Patrol in Vietnam—November 1970 Cover.
Butler, A.R.: Oil Pollution—Carelessness or Crime? **838**, 51. **842**, 83. **844**, 95. **847**, 87.
Butler, B.F. **411**, 694.
Admiral Farragut and General Butler. Richard S. West, Jr. **640**, 635. **648**, 214.
"I Asked for a Gun and Not an Opinion! **858**, 70.
Butler, Howard R.: Lieutenant William Howard Allen, USN **179**, 49.
Butler J.
Aeronautical Board of Army and Navy **285**, 2246.
General Board of Navy **330**, 700.
Butler, J.R.: Credible Incentive (C&D) **742**, 111.
Butler, N.M. **361**, 469.
Butler, R.M.: Drudgery's Driving Them Out (NAMB) **896**, 78.
Butler, Smedley Darlington: Smedley Butler's Air Corps: First Marine Aviators in China. G.M. Neufeld and J.S. Santelli **890**, 48.
Butler, T.J.: Anti-Climax (anec) **588**, 167.
Butler-Wise correspondence **858**, 70.
Butow, Robert J.C. **628**, 705.
Surrender of Japan **630**, 853.
Butt, M.I.: Details of Indo/Pakistani War Reported in Marine Rundschau (Nbk) **849**, 88.
Butte, Montana: Inland Port City (Nbk) **856**, 119.
Buttercup: Sink the Old Buttercups (ProfNote). Merice Nelles **892**, 106.
Butterworth, J.E. (artist): Dover Lighthouse, Dover, England—August 1966 Cover.
Buttle, E.H.: Know Your Men, Know Your Business, Know Yourself (Bach) (C&D) **857**, 99.
Buttons on cuffs: Origin **311**, 13.
Buxton, D.G.: Don't Call Me Chief (anec) **858**, 51.
Buy, don't be sold insurance. E. Snow **336**, 181.
Bye, L.B.: U.S. naval railway batteries, illus. **196**, 909.
Byers, A.C.: Shipborne Radar (C&D) **779**, 101.
Byington, M.R., Jr.
Defensive Seamanship **868**, 24. **872**, 87, 88. **875**, 76.
Defensive Seamanship (Byington) (C&D) **875**, 76.
Shipboard Habitability **815**, 24.
When Am I Committed to Collision? (Myers) (C&D) **846**, 88.
Byng: Tragedy of. L. Hunt **303**, 361.
Byrd, R.E. **476**, 1376.
and Saunders, H.E.: Advantages of the gyro compass **149**, 141.
and Wilkins **306**, 710.
Avigation **301**, 229.
Communications for Byrd Antarctic Expedition II. E.W. Stone **396**, 212. **401**, 1081.
Flight **313**, 250.
Flying over polar sea **270**, 1319.
Promoted **324**, 147.
Records accurately kept **282**, 1607.
Research program, 1928 expedition **308**, 910.
Royal aero club lunch for Byrd **282**, 1617.
Byrne, E.M.: Book Reviews **826**, 102. **862**, 94.
Byrne, J.A.: The "Modern" Navy (C&D) **847**, 82.
Byrne, J.A., Jr. **701**, 97.
Image of Command (Edwards) (C&D) **809**, 101.
Byrne, J.E.: Forced Combustion **39**, 637.
Byrnes, W.W.: Medical Ballistics (anec) **662**, 79.
Byrnside, B.C.: Half a Career (C&D) **762**, 116.
Byrnside, B.C., Jr.: Blockade Broken (anec) **686**, 41.
Byron, B.B.: Wetter, Better NROTC (Corey) (C&D) **818**, 94.
Byron, J.L.: The 1100; He Flies Not; Neither Does He Sink (Nelson) (C&D) **836**, 88.
Bywater, H.C. **283**, 1905. **452**, 1525.
Balance of power in Mediterranean **252**, 320.
Baltimore Sun and **295**, 1040.
Battleship and naval defense **262**, 2087.
Battleship and uses **277**, 407.
Battleship vs. plane, naval puzzle **306**, 710.
Change liners into warships **333**, 1050.
Cruiser strength of five nations **279**, 1028.
Current naval programs **254**, 672.
Dutch east indies; defense **269**, 1303.
Enemies of Battleship **248**, 1714.
European fleet developments **254**, 674.
European politicians **250**, 2113.
Fleet flagship **251**, 140.
Fleet maneuvers **316**, 531.
Great Pacific war **272**, 1988.
Gun elevation **264**, 311.
Gunnery at Jutland **271**, 1780.
Hawaii's naval need **271**, 1767.
Immigration in America and Japan **257**, 1151.
Influence of material on naval operations **236**, 1677.
Italy's super cruisers **255**, 851.
Liners and arms conference **278**, 769.
Mitchell (Gen. Billy) court-martial **277**, 522.
Munitions of fleet **252**, 310.
Naval construction **263**, 156.
Naval modernization plans **261**, 1924.
Navies and their new problems **256**, 1024.
Post-treaty naval design **276**, 316. **278**, 702. **273**, 2125. **279**, 917. **282**, 1568. **283**, 1775.
Scapa flow ships salvage **255**, 813.
Sea power and technical elements **251**, 115.
Shearer's charges absurd **264**, 286.
Submarine warfare **246**, 1373.
Submarine will remain **286**, 2540.
Submarines vs. battleships **260**, 1756.
Supremacy at sea **258**, 1331.
War possible in Europe **257**, 1148.
World unready for arms parley **256**, 1021.
Bywater, H.C.—England
against French air force and submarines **254**, 630.
Choose France or Germany? **255**, 805.
Cruiser strength vital **263**, 107.
France and: Armament **256**, 981.
Labor program **253**, 450.
Naval plans criticized **272**, 1970.
Naval power and the east **262**, 2069.
Naval review **260**, 1703.
Navy short in aviation **286**, 2543.
U.S. and: Navy **259**, 1542.
Bywater, H.C.—France
Armament England: and **256**, 981.
Building policy **253**, 453.
Favors dreadnought **336**, 255.
German army **252**, 280.
Sea power **271**, 1762.
Bywater, H.C.—Germany
Allied extravagence at German expense **254**, 642.
Fleet development **255**, 817.
Fleet strength **251**, 106.
Gunnery **285**, 2328.
Locarno pact and **275**, 129.
Navy **279**, 967.
Reaction **260**, 1761.
Submarines **253**, 459.
Bywater, H.C.—Japan **253**, 464.
Construction **253**, 462.
Cruiser strength **259**, 1535.
Cruiser submarines **258**, 1329.
Defense problems **248**, 1720.
Destroyers **266**, 629.
Expenditures **261**, 1887.
Furutaka **279**, 969.
Hawaiian maneuvers and **265**, 474.
Immigration issue **257**, 1151.
Navy **235**, 1575. **245**, 1189. **254**, 645. **256**, 1027. **275**, 135.
Policies **250**, 2067.
Sea power **247**, 1510.
Washington conference and **243**, 811.
World problems **257**, 1177.
Bywater, H.C.—United States
Aircraft carriers **315**, 460.
Aircraft method commended **280**, 1228.
Anti-aircraft artillery **255**, 851.
Blameless, if treaty fails **244**, 1043.
Cruiser bill and naval reduction **320**, 912.
Fleet outranges English **270**, 1517.
Geneva proposals just **294**, 931.
Japanese navy compared to **264**, 306.
League disarming and **262**, 2092.
Long enlistment in navy necessary **260**, 1724.
Naval bill **266**, 630.
Naval expansion **252**, 291.
Navy can quiet Asia **243**, 878.
Byzantine
Empire. A.M. Shepard **452**, 1412.
Invasion of North Africa, Sicily, and Italy. C.L. Lewis **489**, 1435.
Reconquest of Crete. A.M. Shepard **462**, 1121.

C

C-2: See: Airships—U.S.
C^3 War at Sea (NavRev). Norman Friedman **891**, 124.
C-5 (Sp. sub) **328**, 548.
C-6 (Sp. sub) **328**, 548.
C-7: See: Airships—U.S.
C-34 (British submarine): Torpedoed **175**, 2126.
CCC: See: Civilian Conservation Corps.
C. and R.: See: Construction and repair.
Cabanier, Georges **723**, 116.
Cabban, P.T.: When the Cat's Away (anec) **664**, 65.
Cable, F.T.: Submarine Torpedo Boat Holland **480**, 173.
Cable cutters of Cienfuegos. C.C. Hanks **337**, 353.
Cable-Cutting
C.F. Goodrich **109**, 109.
The St. Louis'. C.F. Goodrich **93**, 157.
Cable-Layers
British Cable Ship Loading (Nbk) **723**, 162.
Cable Ship With New Ideas (Nbk) **725**, 156.
The New Wave of Cable-Layers (ProfNote). C.P. Lemieux **721**, 130.
Cables
Care of ship's **233**, 1196.
Fog-proofing ships **214**, 2032.
German submarine cable industry, 1905: **118**, 741.
Influence of Submarine Cables upon Military and Naval Supremacy. G.O. Squier **96**, 599.
International
Communications and Pacific situation. M.G. Davis **322**, 1039.
electrical communications. W.S. Rogers **279**, 1044.
system **216**, 286.
Internation Control **236**, 1838.
in Time of War, Submarine Telegraph.

Cables (Cont.)
Japanese-Pacific company **201**, 1936.
New York's radio pilot **212**, 1689.
Pacific Submarine Cable. John Hood **95**, 477.
Strength of manila **231**, 848.
Submarine **335**, 117.
Submarine, in Peace and War **95**, 531.
Telegraph, in Time of War. John Hood, Tr. **96**, 663.
Traffic **335**, 118.
Transatlantic telephone **321**, 995.
Trans-Pacific communication. F. Luckel **213**, 1803.
Use of 20-mile **236**, 1823.
Cabot, G.L. **248**, 1694.
Cabral Teles, F.H.: See: Teles, F.H. Cabral.
Cabrillo Discovers Santa Catalina Island: See: Cover Pictures--August, 1959.
Cachalot (U.S. sub) **338**, 536.
Cachets, postmarks: See: Mail.
Cadmus (U.S.): Exercise in Mobility (ProfNote). W.B. Hayler **777**, 135.
Cadwalader, J. **470**, 558.
Arctic Drift Stations **722**, 67.
Naval Officer in Kashmir **621**, 1245.
Caesar, C. Julius: Strategy and tactics of. See: Darrieus, War on the Sea **125**, 129.
Caesars, the Sieges, and the Anti-Ballistic Missile. P.R. Schratz **781**, 24.
Cafeteria Afloat. E.D. Foster **407**, 19.
Cagle, M.S. **780**, 104.
Cagle, M.W. **566**, 439. **659**, 91. **660**, 115. **661**, 101. **663**, 112. **700**, 96.
Acey-Deucy, Navy Game **579**, 513.
An Airplane Joins the Navy (ProfNote) **725**, 143.
Book Review **869**, 90.
Errors of the Korean War **661**, 31.
Future of Blimp in Navy **562**, 1363.
Gulf of Aqaba--Trigger for Conflict **671**, 75. **674**, 107. **677**, 104.
Historic Flight of Coral Sea Neptunes **560**, 1129.
Inchon--Analysis of Gamble **611**, 47.
Jets Are Coming **549**, 1343.
Lieutenant David Dixon Porter and His Camels **658**, 1327.
Most Silent Service **798**, 37. **802**, 112, 113.
Naval Aviation at Mid-Century **580**, 605.
Navy Education System and Education Officer **482**, 488.
Navy's Fitness Report System **533**, 779. **538**, 1503. **546**, 1024.
Navy's Future Role in Space **719**, 87.
Need for Leadership in Junior Ranks **552**, 165.
Neglected Ocean **669**, 54.
Philosophy for Naval Atomic Warfare **649**, 249. **652**, 659.
Privateer Incident **574**, 1337.
Responsibility of Regular **496**, 679.
Sea Power and Limited War **665**, 23.
Staff Duty **556**, 677.
Strategic Danish Straits **692**, 36.
Studying the Navy's Future **728**, 92.
Task Force 77 in Action Off Vietnam (NavRev) **831**, 66. **835**, 90.
U.S. Navy and U.S. Naval Institute: Partnership for the Future **848**, 115.
Versatile Windmills **545**, 833.
Cagle, M.W., and F.A. Mason
Carrier Operations in Korea **653**, 699.
Wonsan: Battle of the Mines **652**, 598. **657**, 1235.
Cahill, J.W.
Communications Brief (anec) **663**, 64.
Nice Work If You Can Do It (anec) **675**, 47.
Situation Well in Hand (anec) **675**, 69.
Cahill, R.A.
Burden of Being Privileged **743**, 37. **746**, 102, 104. **750**, 118, 119.
A Coming Seamanship Crisis? (ProfNote) **854**, 117. **858**, 81. **866**, 82.
Significance of Aboukir Bay **773**, 79.
Cahill, T.G.: The Survival of Navy Medicine (Custis) (C&D) **865**, 73.
Caicos Islands, B.W.I.: Columbus Landed on Caicos. P. Verhoog **620**, 1101. **627**, 585, 586.
Caio Duilio (It.) **456**, 301.
See: Ubaldo Garagnani.
Cairo (Eng.) **353**, 1072. **354**, 1221. **356**, 1524. **358**, 1825.
Cairo, Illinois: Little Egypt's Naval Station (OldNav). D.M. Wegner **829**, 74.
Caisson disease: See: Divers.
Calabash, Sacred. H. Rodman **294**, 867. **300**, 138.
Calahan, H.A. **396**, 269.
Calais-Douvres (Gr.Br.) **795**, 112.
Calculation of Risk. J.C. Wylie, Jr. **605**, 725.
Calcutta (HMS) **229**, 463.
Caldwell, C.H.B.: Fijian Adventure. W.B. Ammon **408**, 224.
Caldwell, D.F. (BkRev) **841**, 109.
Caldwell, Dan
Campus Unrest **796**, 58. **800**, 101. **805**, 91.
Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 75.
Caldwell, H.A., Jr.
Co-author: See: J.D. Sullivan.
The Navy Needs to Do Its Own Thinking (NAMB) **898**, 84.
Caldwell, J.
An Absence of Accountability (Beavers) (C&D) **878**, 81.
Career Officer as Existential Hero (Deininger) (C&D) **830**, 99.
Naval Aircraft in the Next Decade (DeLaMater) (C&D) **866**, 85.
Survival of the Fittest: Five Years Later (Turkington) (C&D) **887**, 79.
Caldwell, John K.: Russia demands removal of as consul at Vladivostok **184**, 1428.
Caldwell, T.F., Jr.
ASW--Are We Missing the Boat? (C&D) **758**, 133.
Book Review **735**, 122.
Caldwell, W.E.: Water-cooled furnaces **261**, 1898.
Caleb Cushing (USS): Cruise of the Clarence-Tacony-Archer. R.H. Woods **131**, 680.
Caledonia (SS) **451**, 1370.
Caledonia case: Capt. Blaikie held as prisoner of war **168**, 421.
Calhoun, C.R. **635**, 88.
Destroyer--Key Ship of the Fleet **672**, 46.
Calibrating machines: for gun barrels **185**, 1579.
California
Bear Flag Revolt, Commander John B. Montgomery and. J.A. Hussey **437**, 973.
Camp Kearny airship base **330**, 765.
Channel Islands, California's Little Known. S.A. Wheeler **493**, 257.
First Governor of: See: Old Navy.
First Governor of (OldNav). F.F. Smart, Jr. **696**, 160.
Gunner Meyers in California (Pict) **587**, 79.
Halls of Montezuma. W.D. Lanier, Jr. **464**, 1385.
John Berrien Montgomery. J.M. Ellicott **374**, 533.
Launching USCG cutter: Shoshone at Oakland **335**, 56.
Mare Island Navy Yard **232**, 1029.
Nautical school **355**, 1281. **339**, 682.
Naval petroleum reserves **369**, 1561.
The Navy's part in the acquisition of California. R.W. Neeser **125**, 267.
Our First New England. E.P. Von der Porten **694**, 62.
San Diego **205**, 455.
San Pedro **349**, 331. **354**, 1143.
Santa Ana or Desert Storm. W.A. Mason **371**, 56.
Seiches, California, and Philippine Typhoons. H. Leypoldt **412**, 775.
Sunnyvale **330**, 765. **341**, 983. **345**, 1573. **351**, 763.
U.S. Navy in Mexico. L.N. Feipel **156**, 489.
War for: Last Pathfinder: General Edward F. Beale, U.S. Navy (Ret.) J.O. Stull **756**, 76.
California (BB-44): Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
California (U.S.) **203**, 123. **224**, 1634.
Electric propulsion for the California **165**, 1658.
Ships of the Navy. R.S. Neeser **156**, 436.
Californian (U.S.) **411**, 631.
California State (U.S.): California Nautical School. B.M. Dodson **447**, 705.
Calking: Pneumatic calking machine **185**, 1641.
Calkins, C.G.
American admirals in the British Navy **130**, 425. **131**, 685.
The American navy and the opinion of one of its founders, John Adams **138**, 453.
British Conquests in the Philippines **96**, 79.
Decatur and Coleridge **127**, 917.
How May Sphere of Usefulness of Naval Officers be Extended. Prize Essay, 1883: **24**, 155.
Naval Campaign of Manila Bay in 1898: **90**, 267.
Organization and Drill, Necessary Changes in. Prize Essay for 1886: **38**, 269.
Our Merchant Marine: the Causes of its Decline. Honorable Mention, 1882: **19**, 35.
Repression of piracy in the West Indies, 1814-1825: **140**, 1197.
Sea Stories and refreshments: experiments and accidents in naval diet **121**, 73.
Tradition and progress in the Navy **147**, 1189.
Calkins, W.F. **673**, 100. **675**, 104.
Down to the Sea in Ships'--Names **665**, 29.
Callaghan Upstages C-5A Plane (Nbk) **795**, 154. **801**, 123.
Callahan, E.R.
Lack of Support Could Make Navy Impotent in Mid-East War (C&D) **865**, 74.
Mismanaging Our Managers (NAMB) **876**, 84.
Sea Control Ship Concept: Down the Drain (C&D) **870**, 91. **871**, 82. **876**, 81, 82.
Callister, Hague: Our Russian War of 1918-1919 (Tolley) (C&D) **799**, 110.
Calnan, Denis: The Saumarez and the Haguro (OldNav) **788**, 147.
Caloosahatchee Jumboized and Returned to Fleet (Nbk) **806**, 132.
Calvados (French transport): Sunk by submarine **161**, 309.
Calver, G.W.: Coronary Sclerosis **379**, 1214.
Calvert, A.P.: U.S. Naval Engineering Experiment Station, Annapolis **443**, 49.
Calvert, J.F. **683**, 120.
Commentary on Gorshkov article (Part 6) **856**, 56.
What We Don't Know Can Hurt Us **671**, 55.
Calvert, James
Book Review **755**, 125.
Fine Line at the Naval Academy **812**,

Bussert, J.C. (Cont.)
Soviet ASW (ProfNote) **834**, 112.
United States Navy for the Future (Smith) (C&D) **824**, 93.
USN—Middle Age Spread **844**, 18. **849**, 92.
Bustard, M.E.: USS King (DLG-10) (New-Nav) **697**, 161.
Butcher, J.R., Jr. (artist): Marine Patrol in Vietnam—November 1970 Cover.
Butler, A.R.: Oil Pollution—Carelessness or Crime? **838**, 51. **842**, 83. **844**, 95. **847**, 87.
Butler, B.F. **411**, 694.
Admiral Farragut and General Butler. Richard S. West, Jr. **640**, 635. **648**, 214.
"I Asked for a Gun and Not an Opinion! **858**, 70.
Butler, Howard R.: Lieutenant William Howard Allen, USN **179**, 49.
Butler J.
Aeronautical Board of Army and Navy **285**, 2246.
General Board of Navy **330**, 700.
Butler, J.R.: Credible Incentive (C&D) **742**, 111.
Butler, N.M. **361**, 469.
Butler, R.M.: Drudgery's Driving Them Out (NAMB) **896**, 78.
Butler, Smedley Darlington: Smedley Butler's Air Corps: First Marine Aviators in China. G.M. Neufeld and J.S. Santelli **890**, 48.
Butler, T.J.: Anti-Climax (anec) **588**, 167.
Butler-Wise correspondence **858**, 70.
Butow, Robert J.C. **628**, 705.
Surrender of Japan **630**, 853.
Butt, M.I.: Details of Indo/Pakistani War Reported in Marine Rundschau (Nbk) **849**, 88.
Butte, Montana: Inland Port City (Nbk) **856**, 119.
Buttercup: Sink the Old Buttercups (Prof-Note). Merice Nelles **892**, 106.
Butterworth, J.E. (artist): Dover Lighthouse, Dover, England—August 1966 Cover.
Buttle, E.H.: Know Your Men, Know Your Business, Know Yourself (Bach) (C&D) **857**, 99.
Buttons on cuffs: Origin **311**, 13.
Buxton, D.G.: Don't Call Me Chief (anec) **858**, 51.
Buy, don't be sold insurance. E. Snow **336**, 181.
Bye, L.B.: U.S. naval railway batteries, illus. **196**, 909.
Byers, A.C.: Shipborne Radar (C&D) **779**, 101.
Byington, M.R., Jr.
Defensive Seamanship **868**, 24. **872**, 87, 88. **875**, 76.
Defensive Seamanship (Byington) (C&D) **875**, 76.
Shipboard Habitability **815**, 24.
When Am I Committed to Collision? (Myers) (C&D) **846**, 88.
Byng: Tragedy of. L. Hunt **303**, 361.
Byrd, R.E. **476**, 1376.
and Saunders, H.E.: Advantages of the gyro compass **149**, 141.
and Wilkins **306**, 710.
Avigation **301**, 229.
Communications for Byrd Antarctic Expedition II. E.W. Stone **396**, 212. **401**, 1081.
Flight **313**, 250.
Flying over polar sea **270**, 1319.
Promoted **324**, 147.
Records accurately kept **282**, 1607.
Research program, 1928 expedition **308**, 910.
Royal aero club lunch for Byrd **282**, 1617.
Byrne, E.M.: Book Reviews **826**, 102. **862**, 94.
Byrne, J.A.: The "Modern" Navy (C&D) **847**, 82.
Byrne, J.A., Jr. **701**, 97.
Image of Command (Edwards) (C&D) **809**, 101.
Byrne, J.E.: Forced Combustion **39**, 637.
Byrnes, W.W.: Medical Ballistics (anec) **662**, 79.
Byrnside, B.C.: Half a Career (C&D) **762**, 116.
Byrnside, B.C., Jr.: Blockade Broken (anec) **686**, 41.
Byron, B.B.: Wetter, Better NROTC (Corey) (C&D) **818**, 94.
Byron, J.L.: The 1100; He Flies Not; Neither Does He Sink (Nelson) (C&D) **836**, 88.
Bywater, H.C. **283**, 1905. **452**, 1525.
Balance of power in Mediterranean **252**, 320.
Baltimore Sun and **295**, 1040.
Battleship and naval defense **262**, 2087.
Battleship and uses **277**, 407.
Battleship vs. plane, naval puzzle **306**, 710.
Change liners into warships **333**, 1050.
Cruiser strength of five nations **279**, 1028.
Current naval programs **254**, 672.
Dutch east indies; defense **269**, 1303.
Enemies of Battleship **248**, 1714.
European fleet developments **254**, 674.
European politicians **250**, 2113.
Fleet flagship **251**, 140.
Fleet maneuvers **316**, 531.
Great Pacific war **272**, 1988.
Gun elevation **264**, 311.
Gunnery at Jutland **271**, 1780.
Hawaii's naval need **271**, 1767.
Immigration in America and Japan **257**, 1151.
Influence of material on naval operations **236**, 1677.
Italy's super cruisers **255**, 851.
Liners and arms conference **278**, 769.
Mitchell (Gen. Billy) court-martial **277**, 522.
Munitions of fleet **252**, 310.
Naval construction **263**, 156.
Naval modernization plans **261**, 1924.
Navies and their new problems **256**, 1024.
Post-treaty naval design **276**, 316. **278**, 702. **273**, 2125. **279**, 917. **282**, 1568. **283**, 1775.
Scapa flow ships salvage **255**, 813.
Sea power and technical elements **251**, 115.
Shearer's charges absurd **264**, 286.
Submarine warfare **246**, 1373.
Submarine will remain **286**, 2540.
Submarines vs. battleships **260**, 1756.
Supremacy at sea **258**, 1331.
War possible in Europe **257**, 1148.
World unready for arms parley **256**, 1021.
Bywater, H.C.—England
against French air force and submarines **254**, 630.
Choose France or Germany? **255**, 805.
Cruiser strength vital **263**, 107.
France and: Armament **256**, 981.
Labor program **253**, 450.
Naval plans criticized **272**, 1970.
Naval power and the east **262**, 2069.
Naval review **260**, 1703.
Navy short in aviation **286**, 2543.
U.S. and: Navy **259**, 1542.
Bywater, H.C.—France
Armament England: and **256**, 981.
Building policy **253**, 453.
Favors dreadnought **336**, 255.
German army **252**, 280.
Sea power **271**, 1762.
Bywater, H.C.—Germany
Allied extravagence at German expense **254**, 642.
Fleet development **255**, 817.
Fleet strength **251**, 106.
Gunnery **285**, 2328.
Locarno pact and **275**, 129.
Navy **279**, 967.
Reaction **260**, 1761.
Submarines **253**, 459.
Bywater, H.C.—Japan **253**, 464.
Construction **253**, 462.
Cruiser strength **259**, 1535.
Cruiser submarines **258**, 1329.
Defense problems **248**, 1720.
Destroyers **266**, 629.
Expenditures **261**, 1887.
Furutaka **279**, 969.
Hawaiian maneuvers and **265**, 474.
Immigration issue **257**, 1151.
Navy **235**, 1575. **245**, 1189. **254**, 645. **256**, 1027. **275**, 135.
Policies **250**, 2067.
Sea power **247**, 1510.
Washington conference and **243**, 811.
World problems **257**, 1177.
Bywater, H.C.—United States
Aircraft carriers **315**, 460.
Aircraft method commended **280**, 1228.
Anti-aircraft artillery **255**, 851.
Blameless, if treaty fails **244**, 1043.
Cruiser bill and naval reduction **320**, 912.
Fleet outranges English **270**, 1517.
Geneva proposals just **294**, 931.
Japanese navy compared to **264**, 306.
League disarming and **262**, 2092.
Long enlistment in navy necessary **260**, 1724.
Naval bill **266**, 630.
Naval expansion **252**, 291.
Navy can quiet Asia **243**, 878.
Byzantine
Empire. A.M. Shepard **452**, 1412.
Invasion of North Africa, Sicily, and Italy. C.L. Lewis **489**, 1435.
Reconquest of Crete. A.M. Shepard **462**, 1121.

C

C-2: See: Airships—U.S.
C^3 War at Sea (NavRev). Norman Friedman **891**, 124.
C-5 (Sp. sub) **328**, 548.
C-6 (Sp. sub) **328**, 548.
C-7: See: Airships—U.S.
C-34 (British submarine): Torpedoed **175**, 2126.
CCC: See: Civilian Conservation Corps.
C. and R.: See: Construction and repair.
Cabanier, Georges **723**, 116.
Cabban, P.T.: When the Cat's Away (anec) **664**, 65.
Cable, F.T.: Submarine Torpedo Boat Holland **480**, 173.
Cable cutters of Cienfuegos. C.C. Hanks **337**, 353.
Cable-Cutting
C.F. Goodrich **109**, 109.
The St. Louis'. C.F. Goodrich **93**, 157.
Cable-Layers
British Cable Ship Loading (Nbk) **723**, 162.
Cable Ship With New Ideas (Nbk) **725**, 156.
The New Wave of Cable-Layers (Prof-Note). C.P. Lemieux **721**, 130.
Cables
Care of ship's **233**, 1196.
Fog-proofing ships **214**, 2032.
German submarine cable industry, 1905: **118**, 741.
Influence of Submarine Cables upon Military and Naval Supremacy. G.O. Squier **96**, 599.
International
Communications and Pacific situation. M.G. Davis **322**, 1039.
electrical communications. W.S. Rogers **279**, 1044.
system **216**, 286.
Internation Control **236**, 1838.
in Time of War, Submarine Telegraph.

Cables (Cont.)
Japanese-Pacific company **201**, 1936.
New York's radio pilot **212**, 1689.
Pacific Submarine Cable. John Hood **95**, 477.
Strength of manila **231**, 848.
Submarine **335**, 117.
Submarine, in Peace and War **95**, 531.
Telegraph, in Time of War. John Hood, Tr. **96**, 663.
Traffic **335**, 118.
Transatlantic telephone **321**, 995.
Trans-Pacific communication. F. Luckel **213**, 1803.
Use of 20-mile **236**, 1823.
Cabot, G.L. **248**, 1694.
Cabral Teles, F.H.: See: Teles, F.H. Cabral.
Cabrillo Discovers Santa Catalina Island: See: Cover Pictures--August, 1959.
Cachalot (U.S. sub) **338**, 536.
Cachets, postmarks: See: Mail.
Cadmus (U.S.): Exercise in Mobility (ProfNote). W.B. Hayler **777**, 135.
Cadwalader, J. **470**, 558.
Arctic Drift Stations **722**, 67.
Naval Officer in Kashmir **621**, 1245.
Caesar, C. Julius: Strategy and tactics of. See: Darrieus, War on the Sea **125**, 129.
Caesars, the Sieges, and the Anti-Ballistic Missile. P.R. Schratz **781**, 24.
Cafeteria Afloat. E.D. Foster **407**, 19.
Cagle, M.S. **780**, 104.
Cagle, M.W. **566**, 439. **659**, 91. **660**, 115. **661**, 101. **663**, 112. **700**, 96.
Acey-Deucy, Navy Game **579**, 513.
An Airplane Joins the Navy (ProfNote) **725**, 143.
Book Review **869**, 90.
Errors of the Korean War **661**, 31.
Future of Blimp in Navy **562**, 1363.
Gulf of Aqaba--Trigger for Conflict **671**, 75. **674**, 107. **677**, 104.
Historic Flight of Coral Sea Neptunes **560**, 1129.
Inchon--Analysis of Gamble **611**, 47.
Jets Are Coming **549**, 1343.
Lieutenant David Dixon Porter and His Camels **658**, 1327.
Most Silent Service **798**, 37. **802**, 112, 113.
Naval Aviation at Mid-Century **580**, 605.
Navy Education System and Education Officer **482**, 488.
Navy's Fitness Report System **533**, 779. **538**, 1503. **546**, 1024.
Navy's Future Role in Space **719**, 87.
Need for Leadership in Junior Ranks **552**, 165.
Neglected Ocean **669**, 54.
Philosophy for Naval Atomic Warfare **649**, 249. **652**, 659.
Privateer Incident **574**, 1337.
Responsibility of Regular **496**, 679.
Sea Power and Limited War **665**, 23.
Staff Duty **556**, 677.
Strategic Danish Straits **692**, 36.
Studying the Navy's Future **728**, 92.
Task Force 77 in Action Off Vietnam (NavRev) **831**, 66. **835**, 90.
U.S. Navy and U.S. Naval Institute: Partnership for the Future **848**, 115.
Versatile Windmills **545**, 833.
Cagle, M.W., and F.A. Mason
Carrier Operations in Korea **653**, 699.
Wonsan: Battle of the Mines **652**, 598. **657**, 1235.
Cahill, J.W.
Communications Brief (anec) **663**, 64.
Nice Work If You Can Do It (anec) **675**, 47.
Situation Well in Hand (anec) **675**, 69.
Cahill, R.A.
Burden of Being Privileged **743**, 37. **746**, 102, 104. **750**, 118, 119.
A Coming Seamanship Crisis? (ProfNote) **854**, 117. **858**, 81. **866**, 82.
Significance of Aboukir Bay **773**, 79.
Cahill, T.G.: The Survival of Navy Medicine (Custis) (C&D) **865**, 73.
Caicos Islands, B.W.I.: Columbus Landed on Caicos. P. Verhoog **620**, 1101. **627**, 585, 586.
Caio Duilio (It.) **456**, 301.
See: Ubaldo Garagnani.
Cairo (Eng.) **353**, 1072. **354**, 1221. **356**, 1524. **358**, 1825.
Cairo, Illinois: Little Egypt's Naval Station (OldNav). D.M. Wegner **829**, 74.
Caisson disease: See: Divers.
Calabash, Sacred. H. Rodman **294**, 867. **300**, 138.
Calahan, H.A. **396**, 269.
Calais-Douvres (Gr.Br.) **795**, 112.
Calculation of Risk. J.C. Wylie, Jr. **605**, 725.
Calcutta (HMS) **229**, 463.
Caldwell, C.H.B.: Fijian Adventure. W.B. Ammon **408**, 224.
Caldwell, D.F. (BkRev) **841**, 109.
Caldwell, Dan
Campus Unrest **796**, 58. **800**, 101. **805**, 91.
Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 75.
Caldwell, H.A., Jr.
Co-author: See: J.D. Sullivan.
The Navy Needs to Do Its Own Thinking (NAMB) **898**, 84.
Caldwell, J.
An Absence of Accountability (Beavers) (C&D) **878**, 81.
Career Officer as Existential Hero (Deininger) (C&D) **830**, 99.
Naval Aircraft in the Next Decade (DeLaMater) (C&D) **866**, 85.
Survival of the Fittest: Five Years Later (Turkington) (C&D) **887**, 79.
Caldwell, John K.: Russia demands removal of as consul at Vladivostok **184**, 1428.
Caldwell, T.F., Jr.
ASW--Are We Missing the Boat? (C&D) **758**, 133.
Book Review **735**, 122.
Caldwell, W.E.: Water-cooled furnaces **261**, 1898.
Caleb Cushing (USS): Cruise of the Clarence-Tacony-Archer. R.H. Woods **131**, 680.
Caledonia (SS) **451**, 1370.
Caledonia case: Capt. Blaikie held as prisoner of war **168**, 421.
Calhoun, C.R. **635**, 88.
Destroyer--Key Ship of the Fleet **672**, 46.
Calibrating machines: for gun barrels **185**, 1579.
California
Bear Flag Revolt, Commander John B. Montgomery and. J.A. Hussey **437**, 973.
Camp Kearny airship base **330**, 765.
Channel Islands, California's Little Known. S.A. Wheeler **493**, 257.
First Governor of: See: Old Navy.
First Governor of (OldNav). F.F. Smart, Jr. **696**, 160.
Gunner Meyers in California (Pict) **587**, 79.
Halls of Montezuma. W.D. Lanier, Jr. **464**, 1385.
John Berrien Montgomery. J.M. Ellicott **374**, 533.
Launching USCG cutter: Shoshone at Oakland **335**, 56.
Mare Island Navy Yard **232**, 1029.
Nautical school **355**, 1281. **339**, 682.
Naval petroleum reserves **369**, 1561.
The Navy's part in the acquisition of California. R.W. Neeser **125**, 267.
Our First New England. E.P. Von der Porten **694**, 62.
San Diego **205**, 455.
San Pedro **349**, 331. **354**, 1143.
Santa Ana or Desert Storm. W.A. Mason **371**, 56.
Seiches, California, and Philippine Typhoons. H. Leypoldt **412**, 775.
Sunnyvale **330**, 765. **341**, 983. **345**, 1573. **351**, 763.
U.S. Navy in Mexico. L.N. Feipel **156**, 489.
War for: Last Pathfinder: General Edward F. Beale, U.S. Navy (Ret.) J.O. Stull **756**, 76.
California (BB-44): Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
California (U.S.) **203**, 123. **224**, 1634.
Electric propulsion for the California **165**, 1658.
Ships of the Navy. R.S. Neeser **156**, 436.
Californian (U.S.) **411**, 631.
California State (U.S.): California Nautical School. B.M. Dodson **447**, 705.
Calking: Pneumatic calking machine **185**, 1641.
Calkins, C.G.
American admirals in the British Navy **130**, 425. **131**, 685.
The American navy and the opinion of one of its founders, John Adams **138**, 453.
British Conquests in the Philippines **96**, 79.
Decatur and Coleridge **127**, 917.
How May Sphere of Usefulness of Naval Officers be Extended. Prize Essay, 1883: **24**, 155.
Naval Campaign of Manila Bay in 1898: **90**, 267.
Organization and Drill, Necessary Changes in. Prize Essay for 1886: **38**, 269.
Our Merchant Marine: the Causes of its Decline. Honorable Mention, 1882: **19**, 35.
Repression of piracy in the West Indies, 1814-1825: **140**, 1197.
Sea Stories and refreshments: experiments and accidents in naval diet **121**, 73.
Tradition and progress in the Navy **147**, 1189.
Calkins, W.F. **673**, 100. **675**, 104.
Down to the Sea in Ships'--Names **665**, 29.
Callaghan Upstages C-5A Plane (Nbk) **795**, 154. **801**, 123.
Callahan, E.R.
Lack of Support Could Make Navy Impotent in Mid-East War (C&D) **865**, 74.
Mismanaging Our Managers (NAMB) **876**, 84.
Sea Control Ship Concept: Down the Drain (C&D) **870**, 91. **871**, 82. **876**, 81, 82.
Callister, Hague: Our Russian War of 1918-1919 (Tolley) (C&D) **799**, 110.
Calnan, Denis: The Saumarez and the Haguro (OldNav) **788**, 147.
Caloosahatchee Jumboized and Returned to Fleet (Nbk) **806**, 132.
Calvados (French transport): Sunk by submarine **161**, 309.
Calver, G.W.: Coronary Sclerosis **379**, 1214.
Calvert, A.P.: U.S. Naval Engineering Experiment Station, Annapolis **443**, 49.
Calvert, J.F. **683**, 120.
Commentary on Gorshkov article (Part 6) **856**, 56.
What We Don't Know Can Hurt Us **671**, 55.
Calvert, James
Book Review **755**, 125.
Fine Line at the Naval Academy **812**,

Calvert, James (Cont.)
62. **820**, 94.
Camanche (U.S.): See: Old Navy.
Cambodia
French Skyraiders to. (Nbk) **752**, 143.
"Mayday" for the Mayaguez **885**, 93. **897**, 84.
Receiving Five Mig-17s (Nbk) **760**, 167.
Camelon (HMS): Description **137**, 296.
Camels **283**, 1689. **355**, 1333.
Arizona Camel Obituary **661**, 101.
Lieutenant David Dixon Porter and His---. M.W. Cagle **658**, 1327.
Marine Corps, Tripoli **361**, 347, 411. **366**, 1192. **458**, 497.
Cameras
Aerial: See: Aerial photography.
Photo-electric cell **328**, 551.
Pierce sextant **309**, 1003.
Seven-league **258**, 1362.
Under-water **247**, 1568. **304**, 501.
Camerer, C.B.
Naval Surgeon Afloat During Nelson's Time **394**, 1804.
Old Spanish Landmark **467**, 82.
Cameron, J.M. (joint author): See: Verdin, J.B.
Cameronia (British transport): Torpedoed **173**, 1609.
Camilla Rickmers (Ger.): See: Ticonderoga (U.S.)
Camouflage
Dazzle ships **181**, 674.
Illustration of dazzle painting, USS Wadsworth **197**, 1201.
Naval Camouflage. C. Bittinger **452**, 1394. **455**, 97.
Painting ships in streaks **172**, 1310.
Ship camouflage **182**, 915.
Ship camouflage useless? **183**, 1090.
Ship Camouflage (WWI): Deceptive Art (Pict). R.F. Sumrall **821**, 57. **825**, 95. **826**, 92. **829**, 108. **840**, 90.
Ship Camouflage (WWII): Deceptive Art (Pict). R.F. Sumrall **840**, 67. **846**, 92.
Wakes, Camouflage of **545**, 893.
World war ships **283**, 1807.
Camp, G.W.: How Not to Build Battleship (Monadnock) **479**, 45.
Campaign of 1812, The Naval. J.R. Soley **17**, 297.
Campana (SS): Torpedoed and gun crew captured by German submarine **175**, 2124.
Campania (England) **348**, 209.
Campbell, A.A. **689**, 97. **692**, 111.
Tough Break (anec) **542**, 451.
Campbell, C.S.: "I am the Two-Headed Ogre..." (Keener) (C&D) **883**, 77.
Campbell, D.B.: Confederate Gunboat Arkansas (OldNav) **713**, 152.
Campbell, E.G.
Japan's Mandate in Southwestern Pacific **472**, 829.
Mahan's Message on the Merchant Marine **687**, 92. **691**, 112, 113.
Mineral Imports and Merchant Marine in National Emergency **535**, 1085.
Campbell, E.H.: Promotion of officer personnel **264**, 183.
Campbell, J.A.: All Hands Go Fishing (anec) **574**, 1374.
Campbell, J.F. **669**, 103.
Like Running a Bingo Game (anec) **758**, 103.
Campbell, J.P.: North Sea Incident of 1904: **853**, 64.
Campbell, J.W. **691**, 109.
Book Review **775**, 122.
Genesis of the Modern U.S. Navy (C&D) **761**, 120.
One For You And One For Me (anec) **667**, 49.
Campbell, L.H., Jr. **673**, 107.
Campbell, R.R.
Logistics Management in the Fleet **728**, 83. **734**, 112.
Progress and Problems in the War Colleges **787**, 52.
Campbell, Sir Charles: Extracts from "Organization of a modern fleet for war...." **121**, 444.
Camperdown (Br.)
See: Martin, D.E.: "Leave It at Six Cables".
See also: Victoria and Camperdown.
Camperdown-Victoria (Br.) collision **379**, 1270.
Camp Pendleton
Refugee Camp, California: The Hand of Hope. P.L. Townsend **883**, 38.
...to mold a finer Marine. G.W. Ferguson (Pict). **780**, 86.
Camps
Officers' training camps, 1918: **186**, 1879.
Recreational, for Enlisted Men. T.P. Riddle **418**, 1765.
Training camps for U.S. National Guard, 1917: **174**, 1880.
Campus Unrest. Dan Caldwell **796**, 58. **800**, 101. **805**, 91.
CAM ships: Catapult Off--Parachute Back. J.E. Wise, Jr. **859**, 70.
Canada
Aeronautics: See: Aeronautics.
Bay of Fundy Tides. H. Leypoldt **423**, 693.
Canada Awards Destroyer Contracts (Nbk) **791**, 151.
Canada's Auroras (Orions) Due for Delivery in 1980 (C&D) **887**, 85.
Canada's Diminishing Armed Forces. Jonathan Kapstein **871**, 40. (C&D): **877**, 120.
Canadians Developing Frigates (Nbk) **800**, 158.
Changes Defense Policy (Nbk) **805**, 126.
Coast Guard: Canadian Coast Guard (ProfNote). E.C. Fisher **734**, 141.
Defense Department: Canada Narrows Competition (Nbk) **744**, 162.
Disarmament on the Great Lakes. S.L. Falk **706**, 69. (C&D): **710**, 107.
Earliest Explorer-Traders of Northwest Coast. A.G. Day **466**, 1677.
Election results **285**, 2398. **331**, 876.
I'm Alone (Rum runner) **341**, 988.
Louisbourg, Capture of, in 1758. J.F. Shafroth **419**, 78.
Naval War College--Canadian war college **134**, 616.
Nootka, Vancouver Island **427**, 1305. **466**, 1677.
Ottawa trade conference **354**, 1208. **355**, 1358. **356**, 1509.
Our Closest Ally. William H. Hessler **625**, 283.
Quebec, Capture of, in 1759. J.F. Shafroth **420**, 187.
Royal Flying Corps: Mission to the Royal Flying Corps. J.S. Halstead **744**, 78.
Canada--Air Force
Canadians to Buy 125 F-5 Jets (Nbk) **751**, 155.
RCAF's Golden Hawks Retired (Nbk) **736**, 163.
Canada--Armed Forces
Big Canadian Reorganization (Nbk) **752**, 152.
Unification in Canada--Fait Accompli **774**, 76. **778**, 107.
Unification in Canada: The World Watches. P.B. Ryan **769**, 64. **774**, 103. **778**, 107.
Canada--Navy **224**, 1629. **335**, 112. **337**, 398.
Britain's Junior Navies. D. Cowie **451**, 1291.
Britannia Has a Family. D. Cowie **460**, 842.
Building the new Canadian Navy, 1911: **137**, 335.
Canada Must Face Reality. W.G. Kinsman **834**, 32.
Canada Orders Three U.K. Submarines (Nbk) **735**, 152.
Canada Ties Up Six Warships (Nbk) **744**, 162.
Canada to Begin ASW Research Ship (Nbk) **762**, 158.
Canada to Lay Up Warships (Nbk) **733**, 153.
Canada to Scrap Four Frigates (Nbk) **748**, 168.
Canadian Cyclic System. Seymour Dombroff **779**, 64. **784**, 112, 113.
Canadian Hydrographic Service (ProfNote). R.G. Eldrige **718**, 130.
Canadian Naval Aviation (ProfNote). John Fricker **731**, 129.
Canadian Navy in 1915: **156**, 536.
Canadian Navy Scrutinizes Itself (Nbk) **740**, 154.
Canadian Submarine Chaser Reaches 62 Knots (Nbk) **803**, 133.
Canadians Modernize Submarine Facilities (Nbk) **757**, 160.
Composition of the Fleet (Nbk) **739**, 157.
Early Canadian Submarines **633**, 1268.
Learning With a Neighbor (ProfNote). G.S. Davis, Jr. **643**, 1013.
Personnel of Canadian Navy in 1913: **150**, 526.
Plans for, 1910: **135**, 873.
RCN Adopts New Helicopter for Fleet (Nbk) **721**, 140.
Royal and Royal Canadian Sea Cadet Corps **693**, 106.
Royal Canadian Naval College. E.J. Mahoney **530**, 433.
Royal Canadian Navy
Atlantic (Pict) **661**, 87.
C.H. Little **687**, 73.
L. Lothrop **475**, 1239.
1962 Summary (Nbk) **722**, 163.
P.C. Newman **613**, 295.
Royal Canadian Navy's "Beartrap" Helicopter Handling System (ProfNote). Peter Brannan **750**, 141.
Royal Canadian Navy's Technical Training Plan (ProfNote). S.W. Jackman **706**.
Royal Canadian Navy's Uniform **648**, 213.
Skyhawk Evaluation (Nbk) **748**, 170.
Small Boys and Whirly Birds. D.P. Ryan **804**, 26.
Three Canadian dreadnoughts **146**, 854.
Two Canadian ASW Ships Planned (Nbk) **773**, 152.
Unification in Canada: The World Watches. P.B. Ryan **769**, 64. **774**, 103. **778**, 107.
Venture Plan; Training for Canadian Naval Officers (ProfNote). S.W. Jackman **714**, 135.
With Royal Canadian Navy (Pict) **590**, 429.
Canaday, J.L.: The Carrier (DeLaMater) (C&D) **888**, 80.
Canal at Sea-level Could Produce Ecological Problems (Nbk) **830**, 126. **840**, 92. **851**, 90.
Canal, The American Interoceanic. C.H. Stockton **92**, 753.
Interoceanic. Fred Collins **2**, 21.
Interoceanic, The Isthmus of Darien. **1**, 123.
Notes on the Nicaragua Ship. W.I. Chambers **35**, 807.
Canals
See also: Panama Canal, and Waterways and canals.
Another route to the Pacific. F.L. Johnson **297**, 1196.
Canada to "Twin" Welland Canal (Nbk) **729**, 140.
Canals and Channels, A Look Ahead. T.L. Lewis **774**, 33. (C&D): **779**, 109.
Definite Solution to Panama Canal

Canals (Cont.)
Problem **570**, 912.
England must control Suez **345**, 1567.
Handling vessels in restricted waters. F.E. Nelson **304**, 446.
Isthmian Interlude (Tehuantepec). H. Salomon, Jr. **565**, 269. **582**, 883.
Length and Speed Limit in Great (ProfNote) **233**, 1250.
Marseilles **230**, 647.
Nicaraguan canal **297**, 1196. **242**, 706, 719. **303**, 422. **309**, 1003. **314**, 354. **327**, 465. **344**, 1408.
Nicaragua Canal, Proposed. J.L. Denig **437**, 1012.
Problem of New Trans-Isthmian Canal. W.H. Hobbs **564**, 129. **570**, 911. **579**, 541.
Rhine-Main-Danube **217**, 445.
Russia: New Red Naval Doctrine in Making? R.A. Shafter **596**, 1091. **607**, 1020.
St. Lawrence Seaway, Naval Aspects of. M. Berngard **566**, 379. **571**, 1029.
Valley of Atrato. F. Collins **297**, 1196.
Welland **345**, 1576. **347**, 130.
World's successful **209**, 1153.
Canals and Waterways
See also: Names of canals.
Baltic and Black Sea canal scheme **153**, 1521.
Coastwise canal: a new defense plan **160**, 2079.
Committee appointed to investigate the desirability of government purchase of Chesapeake and Delaware canal **168**, 396.
Diplomatic Aspects of the Nicaraguan Canal. G.J.B. Fisher **327**, 381.
Ditch, To Build a Bigger. A.C. Miller, Jr. **775**, 26. **779**, 102. **784**, 111.
German states start plan for Rhine-Danube canal **169**, 563.
Nicaraguan Canal (ProfNote). Lytle Brown **336**, 270.
Nicaraguan Canal. R.Z. Kirkpatrick **297**, 1187.
Canberra (Aus.) **344**, 1417.
Canberra (U.S.): See: Operation Sea Dragon (Pict).
Cancer Begins at Forty. L.W. Johnson **385**, 329.
Candlin, A.H.S.
Book Review **750**, 127. **761**, 128.
The Choco Project (ProfNote). **773**, 135. **777**, 106.
Cane, Guy
Sea Power--Teddy's "Big Stick" **882**, 40.
Testing the Navy's Planes (Pict) **707**, 94.
Cane, J.W.: U.S. Naval Sailing Association (C&D) **778**, 108.
Canet's Duplex Mounting for Quick-firing Guns **80**, 818.
Caney, L.D. **714**, 112. **721**, 107.
Destroyers at the Crossroads (C&D) **768**, 110. **772**, 109. **774**, 107. **776**, 109.
The Growing Destroyer (ProfNote) **711**, 142.
USS Henry B. Wilson (DDG-7) (NewNav) **701**, 152.
Canfield, E.B. **698**, 105. **706**, 110.
Harvest Moon, Yankee Landmark in Carolina (C&D) **775**, 117.
Canine, S.R.: Shore patrol duty **142**, 657.
Cannabis: See: Marijuana.
Cannaday, C.W.: River Patrol Relearned (Swartztrauber) (C&D) **814**, 83.
Cannan, R.W., and M.A. Libbey, III: Dot-dot-dash. Running into Danger (ProfNote) **892**, 109. **893**, 85.
Cannon, The Rawhide **76**, 918.
Canoes
Sailing Canoes of Marshall Islands. C.H. Wright **550**, 1529.
Samoa, Native Craft of. A.T. Emerson **381**, 1549.
Canon, R.W.: The Military Critic (Flammer) (C&D) **846**, 97.
Canopus (U.S.): "Old Lady's" Last Fight. W. Karig and W. Kelley **502**, 1489.
Can Sweden Defend Herself? W.W. Lang **775**, 47. **779**, 110. **782**, 95.
Canterbury (Eng.) **354**, 1221. **356**, 1524.
Cantus, H.H.: Flexible Family Financing (Bowers) (C&D) **844**, 94.
Canzona, N.A.
Dog Company's Charge **645**, 1203.
Is Amphibious Warfare Dead? **631**, 987.
Joint author: See: R.A. McMullen.
Cap Arcona (SS) **334**, 1140.
Cap device, Officer's: January 1967 Cover (C&D) **771**, 127.
CAPE: See: Computer Assisted Performance Evaluation.
Cape Cod Canal
The canal in 1913: **148**, 1778.
Condemnation proceedings by U.S. government **195**, 846.
Facts about Cape Cod Canal **165**, 1687.
Intracoastal waterways: the Cape Cod Canal. A. St. C. Smith. (Map) **151**, 661.
Military Value of Cape Cod Canal. W.J. Reid **750**, 82. **755**, 114.
Taken over as federal waterway **185**, 1574.
Cape Douglas (U.S.): See: Oliver, E.F. Silent Witness.
Cape Esperance, Battle off: Solomons Battle Log. G.B. Weems **714**, 81. **723**, 120.
Capehart, E.E.: The Mine Defenses of Santiago Harbor **88**, 585.
Cape Horn: Monitors 'Round Cape Horn (OldNav). J.D. Alden **859**, 78. (C&D) **864**, 79.
Capella (U.S.): Dry dock tow: See: Towing.
Cape Matapan action **460**, 872.
Cape May, N.J.: Coast Guard Air Station **359**, 86.
Cape of Good Hope, Not Suez (ProfNote). Anthony Harrigan **783**, 131.
Cape St. Vincent, Battle of: See: Frost, H.H. **158**, 1065.
Capetown (Eng.) **347**, 125.
Capital ship replacements. B. Livingston **294**, 841.
Capitulation of Montenegro. B. von Berchem **355**, 1307.
Caples, W.G.: Lessons from Lissa **345**, 1564.
Capolino, J.J. (artist): Marines Evacuated from Quiláli—June 1965 Cover.
Capozzalo, D.S.: NJROTC: Profile and Practice (ProfNote) **869**, 97.
Capper resolution arms exports **314**, 352.
Capron, W.C.: Beachmasters--Amphibious Traffic Cops (C&D) **767**, 98.
Captain O'Brien (Chil. sub) **311**, 56.
Captain of Port **539**, 79.
Captain's Monkey. E.H. Watson **397**, 372.
Capture at Sea: Capture at Sea in Perspective. C.G. Phillips **746**, 60. **750**, 108.
Caradoc (Eng.) **356**, 1524.
Cararias (Sp) **337**, 403. **342**, 1110.
Carbon, Oxygen, and a Rising Sun. P.B. Yeager **667**, 51.
Carburetors: Carburetor with spark plug **181**, 633.
Card, E.W. **613**, 335. **625**, 337. **627**, 588.
Foxhole By Any Other Name (anec) **612**, 175.
Cardenal Cisneros (Spanish cruiser): Description **107**, 760.
CARE, Armed Forces Care--Through. Richard A. Shafter **630**, 897.
Careening: Royal George (Br.), loss of **431**, 74. **433**, 403.
Careening boat for refit **403**, 1369.
Career Dilemma of the Naval Reserve Surface Line Officer. D.L. Woods **767**, 50. **771**, 120.
Career Man. Jack T. LeBarron **623**, 19.
Career patterns: Naval Warfare Specialists. R.A. Bowling **810**, 52.
Career Planning
One's Own Destiny. J.C. Fritz **785**, 38.
Smaller, Yes...More Professional? (C&D) **846**, 94.
Career retention rates: Training Future Naval Officers **730**, 123.
Career satisfaction: Which Way Is Up? J.J. Dougherty **778**, 76. (C&D): **782**, 95.
Career, Your Second (ProfNote). Rodger Lindsay **793**, 145.
Carew, Sir Benjamin H.: American admirals in the British Navy. C.G. Calkins **131**, 701.
Carey, Peggy: Their Tears Betrayed Them (anec) **785**, 143.
Carey, M.C.: Uniform of the Day (anec) **762**, 95.
Carey, M.M.: Take a Good Look (anec) **762**, 79.
Cargoes--Ships
Loading and discharging tankers **246**, 1359.
Sirius--Navy cargo ship. F.F. Rogers **313**, 219.
Cargo-Handling
Combat Stevedores (ProfNote). F.S. Virden **835**, 106.
Land Bridge Comes of Age. G.D. Saunders **850**, 38. **856**, 100.
Loading submarines aboard a steamer, 1908: **128**, 1354.
Ore unloading record of lake freighters, 1910: **136**, 1196.
Problems, New Approach to. R.P. Holubowicz **602**, 421.
Random notes on lake freighter, illus. C.F. Goodrich **136**, 943.
Wolvin's cargo-handling record **111**, 676.
Cargo regulations: Dangerous and Exotic Cargoes (NavRev). H.D.Williams **843**, 224.
Cargo Ship Design. R.P. Holubowicz **770**, 73. **773**, 110. **776**, 98.
Cargo Ship Design, Economics of. Lane C. Kendall **623**, 79.
Cargo Ships
Navy Considering Cargo Ships (Nbk) **755**, 150.
Why Not Another Mariner Class of Merchant Ship? (ProfNote). E.B. Perry **779**, 129. **786**, 117.
Caribbean
area: Climate affects governments **325**, 255.
area: Policy **345**, 1497.
Battle of. C.A. Smith **619**, 976. **622**, 1391.
Convoy (OldNav). Harlan Soeten **845**, 78.
Martinique in World War II. C. Alphonso Smith **624**, 169.
Route of Pan-American airways **328**, 557.
Royal Netherlands Navy in the. (ProfNote). F.P.H.M. Koch **830**, 118.
U.S. Treaty Rights in the. (ProfNote). C.L. Cochran **785**, 128.
Caribbean Sea
American Lake. E.R. McLean, Jr. **461**, 947, 1062.
Countercurrents of South Caribbean. R.L. Bence **480**, 227.
Evolution of Caribbean Strategy. C. Moran **469**, 365.
Hurricanes and Our New Bases. F.J. Nelson **463**, 1273.
Importance of Caribbean in Search for Iron Ore. J.B. Blackford **580**, 583. **582**, 881.
Resume of National Interests in Caribbean Area. I. Olch **444**, 165.
Caritas (U.S. yacht), Illus. **426**, 1115.
Carl, J.G.
Case For Contributory Retirement **730**, 78.

Carl, J.G. (Cont.)
The Technical PG Quandary **727**, 42. **733**, 111, 112.
Carl, R.A.: Liquefied Natural Gas Carriers and Their Development (ProfNote) **890**, 99. **894**, 69.
Carl, Robert
The Banana Navy (Pict) **886**, 55.
Book Review **894**, 75.
Carlisle, G.E.: Three-Mile Limit, Obsolete Concept? **768**, 24. **773**, 109.
Carlisle (Eng.) **351**, 766.
Carlson, A.E.: Joshua James--Lifesaver Nonpareil **678**, 81.
Carlson, C.A.: On navy yard economy **138**, 610.
Carlson, E.F.
Legal Bases for Use of Foreign Armed Forces in China **405**, 1544. **409**, 397.
Military Leadership **417**, 1587.
Military Leadership (Leadership Forum) **875**, 66.
Carlson, M.O. **430**, 1800.
Carlson, S.L.: Lights Out for Screw-Pile Lighthouses (OldNav) **865**, 70.
Carlson, V.R. **697**, 108, 110. **702**, 105. **780**, 106. **781**, 115, 116.
Automation, the Bitter Pill **777**, 37.
Operation Walküre **688**, 75.
Rebuilding Norway's Navy **755**, 54.
Soviet Maritime Threat **771**, 38. **774**, 108. **776**, 110.
Carlton, N.: Letter to, re Shamrock's voyage to Europe **335**, 140.
Carmania (SS) **345**, 1576.
Description **117**, 369.
Carmichael, J.R., Jr.: Get the Most out of Your Navy Yard **498**, 985.
Carmick, D.: U.S. Navy's First Seagoing Marine Officer. L.C. Dunn **558**, 919.
Carmick, E.S.
Decorated by "Enemy" (anec) **577**, 307.
Dorchester Regiment **554**, 427.
Carmine, C.C.
Plea in defense of paper work **230**, 621.
Qualifications for leadership **220**, 857.
Carmody, F.X.: Our Lighter-Than-Air Policy **453**, 1586.
Carneghi, A.J.: V/STOL: New Force for the Amphibious Task Force (Boschen) (C&D) **815**, 79.
Carnegie Foundation **350**, 611.
Carnegie (SS) **227**, 141.
Progress of the Carnegie survey of the oceans, 1916: **166**, 2003.
Ship without iron **188**, 2394.
Work of the Carnegie in high latitudes **156**, 570.
Carnes, J.M.: Little Fellows **511**, 1045.
Carney, J.R.: Some Forgotten Naval History--First Navy Day, 1922: **440**, 1441.
Carney, R.B. **410**, 551. **567**, 563. **589**, 348. **608**, 1129. **688**, 104. **696**, 116. **770**, 109. **755**, 127. **763**, 128.
Always the Sea **627**, 497.
Capture of U-58: **380**, 1401. **383**, 99.
Change of Command Letter **638**, 457.
Command Personality (C&D) **796**, 98.
Commentary on Gorshkov article (Part 4) **854**, 58.
Cruise of USS Iroquois, 1889-90: **433**, 351. **436**, 933.
Damage control **329**, 623. 1930: **848**, 86. **852**, 89.
Escort-of-Convoy, Still the Only Way (Bowling) (C&D) **808**, 112.
Gas defense afloat **326**, 291.
Interior control board **328**, 531.
Material Administration Aboard Ship **425**, 963.
Memo--Buy License **423**, 657.
Notes on Handling 1,500-Tonners **420**, 227.
Principles of Sea Power **606**, 817. **631**, 967.
Proceedings, August 1969 Issue--"Well done" (C&D) **802**, 111
Sea Power's Enduring Influence (ProfNote) **629**, 837.
Selection, Security, and Morale **388**, 814.
Staff organization afloat **334**, 1113.
Towing Crane Ship **430**, 1776.
An Untold Story (C&D) **775**, 112.
Venus as day sight **221**, 1069.
When the Good Shepherds Were Blind (Abbazia) (C&D) **875**, 73.
Caro, P.A. **235**, 1539.
Carol (Prince): King of Rumania **330**, 772.
Carolina (USS) **262**, 2041.
Caroline Islands
Mogmog Revisited. J.C. Meredith **636**, 152.
Truk in Carolines. L.J. Gulliver **490**, 1557.
Truk--South Sea Mystery Base. B. Vogel **548**, 1269.
Truk: "Tourist" Attraction. J.D. Pillsbury **545**, 853.
Carondelet (U.S.): See: Paul Stevens and S.B. Coleman. July Morning with Rebel Ram Arkansas.
Carpathia
See: Cover Pictures--April, 1962.
Torpedoed **179**, 221. **186**, 1941.
Carpender, A.S.: Naval militia notes **160**, 2089. **161**, 320.
Carpenter, D.M.: Progress at Pensacola **318**, 693.
Carpenter, D.N. **249**, 1873.
Carpenter, E.H.: Printing in the U.S. Navy (C&D) **769**, 113.
Carpenter, G.J.N.: Exterior ballistic problem of the anti-aircraft gun **161**, 183.
Carpenter, H.C.H.: Gun erosion **186**, 1873.
Carpenter, M.R.: The Airborne Destroyer (Marshall) (C&D) **857**, 84.
Carpenter, S.A.: Assignment to New Construction (C&D) **753**, 113.
Carpenter, T.P. **562**, 1416. **573**, 1261. **619**, 1053.
Carpenter, W.T.: Influence of aviation upon coast defense **281**, 1417.
Carr, H.L. **705**, 112.
Carr, J.A. **714**, 107.
Against All Enemies (Hanks) (C&D) **814**, 79.
Seapower and the Satellites (Murphy) (C&D) **812**, 87.
Carr, W.K.: Ivy-Clad Man on Horseback (C&D) **749**, 107.
Carranza, V.
Assassination **209**, 1160.
Carranza takes oath of office **172**, 1357.
Carrier Pigeons **47**, 780.
Carriers
Carrier Air and Vietnam--an Assessment. A.H. Vito, Jr. **776**, 66.
Carrier and cruiser design. F. Sherman **333**, 997. **346**, 1710.
Carrier aviation: "...Nor Dark of Night." D.V. Gallery **794**, 85. **799**, 105.
Carrier-Based Fighter Aircraft, Developments and Problems in. (NavRev). C.O. Holmquist **807**, 224. **812**, 86.
Carrier Curiosities (Pict) **852**, 73. **856**, 90. **857**, 97.
Carrier Deployment: Waste Not, Want Not (ProfNote). Lynn Carter, II: **862**, 107. (C&D) **866**, 79.
Carrier Launches Planes While Steaming Astern, British (Nbk) **813**, 106.
Carrier Operations
Carrier Employment Since 1950. D.L. McDonald **741**, 26. **757**, 120, 122.
Communications Afloat: A Need for Modern Design (ProfNote). G.J. Borden **851**, 97.
Full Systems at Launch--New Concept in Fleet Aviation Operations. D.P. March **851**, 34. **854**, 100.
Hellcats Over Truk. Barrett Tillman **889**, 63. **894**, 65.
Safety in Aircraft Carrier Operations (ProfNote). J.S. Russell **788**, 131.
Yankee Station (Pict). R.D. Moeser (photog.) **773**, 90.
Carrier task forces: Post-Vietnam Navy: the Rhetoric and the Realities. J.K. Holloway, Jr. **834**, 52. **838**, 87. **847**, 96.
Case for the Carrier. W.V. Whidden **821**, 24.
Navy to Cut by Five Within Eight Years (Nbk) **838**, 116.
Nuclear Carrier and Modern War. Paul Schratz **834**, 18. **838**, 88. **842**, 86.
Carrison, D.J. **628**, 703. **648**, 225.
Cordiner Committee Story **659**, 1.
Data Processing in Personnel Management **739**, 56.
Defense Against Nuclear Attack at Sea **735**, 35.
Have You Ever Lost a Man Overboard? **630**, 893.
Medal or Court Martial? **625**, 277.
Reserves--What Kind? **627**, 528.
Role of the Navy in Cold War **676**, 57.
Soviet Drive for Sea Power **680**, 67.
Carroll, C.B.: Sea Duty for Volunteer Reserves **421**, 376.
Carroll, E.J. **774**, 109.
Carroll, E.J., Jr.: Limited War--Limited Peace? **766**, 30.
Carroll, J.B. **707**, 126.
Carroll, R.C., Jr. **673**, 101.
Carroll, T.: See: King, P.B.
Carronade, The. S.C. Tucker **846**, 65. **851**, 86.
Carrothers, J.C. **667**, 102. **650**, 445. **673**, 103.
Andrea Doria-Stockholm Disaster: Accidents Don't Happen **822**, 26.
Book Review **805**, 102.
A Felon Who Made Good (anec) **726**, 61.
"Hot Foot"--the Story of a Ship **636**, 171. **644**, 1104, 1105, 1106.
I Will Not Abandon You **726**, 59.
Lord of the Californian **781**, 58. **784**, 109, 110. **786**, 111, 112. **790**, 106, 108.
There Must Have Been a Third Ship! **665**, 53. **669**, 102, 103, 104, 105.
Titanic Disaster **710**, 57. **717**, 115, 117, 118.
The Twin Flyers (C&D) **810**, 106.
Uneasy Lies the Head That Wears a Crown **647**, 69. **653**, 7[illegible].
Carson, J.F.: Sinks U-boat from airplane **190**, 2862.
Carson, L.D. (joint author): See: Liljencrantz, E.
Carson, M.S.: Don't Worry, Lady, He'll Make It! (anec) **645**, 1173.
Carson, M.V., Jr.: Case for Naval Petroleum Reserves **601**, 267.
Carson, W.G.
Naval Reserve Force Destroyers: The Second Team? (ProfNote) **864**, 95. **868**, 76, 77.
Why V/STOL? (O'Rourke) (C&D) **880**, 79.
Cargagena
Attacks on: Study of attacks on fortified harbors, maps. W.L. Rogers **111**, 533.
1741: See: Cover Pictures--April, 1963.
Cartagena (Col. gunboat) **334**, 1139.
Carter, A.F.
Functions of ONI **204**, 169. **214**, 1987.
The upper Yangtse river, maps **168**, 325.
Carter, J.: Soviet 5-year plan **334**, 1158.
Carter, J.W.: Ships on Wheels (ProfNote) **662**, 138.
Carter, Lynn, II: Carrier Deployment: Waste Not, Want Not (ProfNote) **862**, 107. **866**, 79.
Carter, M.N. (co-author): See: L.F. Snowden.
Carter, P.J., Jr. **482**, 565.
Carter, R.A.: "Professionalism": a Wardroom Debate (C&D) **764**, 122.

Carter, R.F.: Texan Navy **365**, 1032.
Carter, S.P. **421**, 345.
Carter, W.R. **339**, 704. **341**, 963.
  Cordite of the Aquidaban **281**, 1382.
  Seron Ten **540**, 153. **543**, 629.
  Sleeping giant: World power of future **278**, 677.
Carthage (SS): Sinking of the Carthage by torpedo **163**, 1044.
Cartography: See also: Charts.
  A Chart Is Born (Pict). V.A. Moitoret **751**, 88.
  Charting of an Unknown Land: the Antarctic Continent. Scot MacDonald **705**, 32.
  Isonaul Chart (ProfNote). F.K. DeVos **691**, 135. **695**, 117. **700**, 95.
  New Map for Strategists. C.A. Bond **562**, 1377.
Cartwright, L.W.: USS Samoa--BB?? (anec) **565**, 263.
Carunchio, D.J.: Designing for Change: Present and Future (Joliff & Kerr) (C&D) **861**, 94.
Casablanca (French minelayer): Sunk by mine **158**, 1375. **159**, 1755.
Casari, Robert **698**, 109. **707**, 114.
Case, F.B.
  Time to Secure the Seas **846**, 24. **853**, 101. **858**, 96.
  Versatile, Vulnerable Container Ship **828**, 48.
Case, William, and R.D. Moeser: USS Sacramento (AOE-1) (Pict) **778**, 88.
Caseless Cartridge (Nbk) **780**, 143.
Casey, F.J. **701**, 101.
Casey, G.A., and J.E. Pesta, Jr.: The Military Union Card (Schratz) (C&D) **898**, 83.
Casey, M.M., Jr.: The Simplest Solution (anec) **628**, 665.
Casey, T.J.
  Again--engineering competition **322**, 1023.
  Arms and man **333**, 980.
  New competition **331**, 792.
Casey stories. W.P. Cronan **202**, 2049.
Cashman, J.R.: Forgotten Cache (anec) **777**, 47.
Cason, A.R.: Dedication...to What? (ProfNote) **708**, 141.
Caspian Sea: Russia's Disappearing Sea. J. Bernstein **621**, 1240.
Cass, B.G. (BkRev) **777**, 117.
Cass, W.F.
  Cuban Exodus **760**, 46. **773**, 108.
  Middle East Oil: Subsurface Weapon **839**, 18. **856**, 90.
  Stay Tough (C&D) **770**, 108.
Cassandra (HMS): Sunk by mine **193**, 437.
Cassard, P. **430**, 1801.
Cassard (Fr.) **342**, 1110. **347**, 126. **350**, 616. **356**, 1525. **357**, 1675.
Cassidy, J.R.L.: Boom--Boom (anec) **644**, 1065.
Cassin, Stephen: Portrait **169**, 483.
Cassin and Downes, Saga of. J.D. Alden **695**, 33.
Cassin (French destroyer): Sunk by submarine **170**, 868. **171**, 1078.
Cassin (USS) **258**, 1344. **411**, 632.
  Illustration **162**, 349.
  Repaired **186**, 1862.
  Torpedoed **178**, 3028.
Castalia (Gr.Br.) **795**, 111.
Castedo, O.R.: Development of River Navigation in Bolivia (ProfNote) **832**, 119.
Castex, R.
  Aircraft and future warships **263**, 154.
  End of giant dreadnoughts **265**, 467.
  Office of Naval Operations **214**, 1987.
  Von Spee's strategy **261**, 1876.
Castille, M.A.: Good Enough Reason (anec) **802**, 45.
Castillo, E.L.
  Art of Getting Off the Front Page **673**, 37.
  Navigating by Man-Made Stars **694**, 74.
  1962 Shipbuilding Program (ProfNote) **705**, 130.
  Ships of the Sixties (ProfNote) **693**, 131.
Castings
  Die-castings of aluminum bronze **183**, 1113.
  Diesel engine **334**, 1143.
  Heat resisting alloy **232**, 1048.
  U.S. Navy Department's specifications for steel castings, 1917: **176**, 2330.
Castle, E.C.: Safety First (anec) **651**, 487.
Castleman, B.A.: Retirement Eligibility (NAMB) **882**, 82.
Castor (HMS) **346**, 1716.
Casualties
  Cause for Rising U.S. Casualties Cited (Nbk) **778**, 149.
  Loss of Life by drowning in naval warfare. T.W. Richards **149**, 33.
Casualties to vessels: See: Accidents to vessels.
Casualty medical care: The Next War: A Prescription. Ben Eiseman **863**, 32.
Caswell, G.C.: What Price Cheer? (anec) **758**, 51.
Caswell, G.L.: General Notes on Duties of Flag Lieutenant **469**, 374.
Catalano, S. **441**, 1616.
Catalpa (sailing ship) **449**, 962.
Catamarans
  Catamaran: Shape of Things to Come (ProfNote). G.E. Meese **858**, 105.
  Fulton (U.S.), Castalia (Gt.Br.), Calais-Douvres (Gt.Br.): See: A.C. Brown. Research Catamaran T-AGOR-16.
  Japan Orders Catamaran Fireboat (Nbk) **790**, 158.
  Navy Builds Catamaran Rescue Ship (ProfNote). H.E. Steinke **791**, 128.
  Research Catamaran (T-AGOR-16) (ProfNote). J.C. Froid **790**, 132. **795**, 110. **799**, 104.
  Seagoing Catamaran Ship (ProfNote). W.H. Michel **713**, 141.
Catapults
  Airplane arresters and **283**, 1871.
  Catapult Off--Parachute Back. J.E. Wise, Jr. **859**, 70.
  Catapults Come of Age. D.L. Small **620**, 1113.
  Development of carriers and **300**, 142.
  England **339**, 692. **342**, 1109, 1121.
  Explosive **264**, 326.
  German flying boats and base ships **427**, 1255.
  Heinkel K-Z **321**, 1000.
  Ile de France (SS) **307**, 803.
  MacTaggart-Scott **339**, 693.
  Naval **226**, 1975.
  New type **266**, 674.
  Shooting the Catapult. H.B. Miller **362**, 545. **368**, 1481.
  Slider type **356**, 1532.
  Tests **233**, 1206. **234**, 1445.
Catawba (U.S.): See: Monitors 'Round Cape Horn.
Catlett, W.J., Jr. **628**, 698.
  Art of Being Executive Officer **621**, 1210.
  Co-operative Housing and Service Investments **397**, 357. **400**, 865.
  Recruits and Basic Leadership Opportunities **657**, 1159.
Catlin, George L. Paravanes, Illus. **197**, 1135.
Cattermole, C.S.: Prestige on the Lower Deck (C&D) **750**, 110.
Cattle shipment: Operation Bovin. J.C. Meredith **570**, 885.
Catton, Bruce **627**, 597.
Caunce, J.W. **863**, 97. **866**, 78.
Causeway Barge Method (ProfNote). J.W. Corey **786**, 142. **789**, 114.
Cauthen, C.F., Jr.: Man Overboard! This Is Not Drill! **618**, 886.
Cavalla (SS-244) **895**, 64.
Cavanaugh, R.B.: ASW Effort (ProfNote) **732**, 140.
Cavedo, G.A. (artist): Pearl Harbor--December 1968 cover.
Ceara (Brazilian submarine tender)
  Illustration **163**, 931.
  The submarine tender Ceara **161**, 266.
Cebu (SS): The Cebu case **166**, 2078.
Cecil, R.: Quits English cabinet **296**, 1135.
Cecil, R.L.: Reduction of armament **235**, 1640.
Cedar Mills (U.S.): Gallant Cedar Mills. John Bunker **651**, 532.
Celebrations
  Past and Future Grandeur: The 1893 Naval Review (OldNav). D.H. Wicks **880**, 72.
  The Spirit of '76. R.D. Glasow **881**, 25. **888**, 82.
Celebre (French mine layer): Description; plan **149**, 197.
Celestial body: Navy Scientist Discovers Saturn Moon (Nbk) **770**, 156.
Celluloid: Inflammability of **141**, 356.
Cellulose
  Amorphous. A. Gleaves **49**, 383.
  and its Application as a Protection to Vessels. J.M. Cheneau **62**, 221.
  Test of Corn **75**, 657.
  Test of Corn Pith **85**, 134.
  Trial of Marsden's Corn pith **86**, 355.
Celtic (SS): Struck by torpedo **179**, 170.
Celtic (U.S.): Hypnotized by Red Light. J.K. Taussig **523**, 1171.
Cement: "Fast Fix" Runways in 30 Minutes (Nbk) **788**, 160.
Cemeteries
  Arlington National Cemetery. C.A. Phillips **544**, 733. **547**, 1161.
  Balearic Islands **428**, 1495.
  Burial rituals: Light in Pacific. C.W. Lindgren **590**, 398.
  Lisbon, Portugal **423**, 786.
  Tripoli Graves Discovered. A.P. Miller, Jr. **566**, 373.
Censorship
  and Security. H.B. Say **600**, 135.
  F.J. Nelson **482**, 551.
  in the U.S., 1917: **173**, 1565. **175**, 2106.
  Naval, in 1914. W. Chamberlin **471**, 669.
  Navy's Speech Control Has Worked. H.B. Say **724**, 74.
  Necessity of censorship in war **175**, 2105.
  on Island X. A.S. Jagareski **502**, 1461.
  Soviet Reporting of the Cuban Crisis. J.C. Pedersen **752**, 54.
Centaur (Eng.) **351**, 766. **353**, 1068, 1072. **354**, 1220. **356**, 1524.
  HMS Centaur at Dar es Salaam. D.K. Hankinson **801**, 57. **806**, 101.
Centauro (RIN): Sinks in storm **228**, 320.
Centennial exhibition of 1876: The Spirit of '76. R.D. Glasow **881**, 25. **888**, 82.
Centofanti, A.J.: Just Looking (anec) **856**, 44.
Central America (U.S. SS) **405**, 1608.
Central American conference **242**, 720.
Central Intelligence Agency **545**, 803.
Central Treaty Organization: See: Alliances: The Ties That Bind.
Centrifuge tests: Gee-Whiz, G-Force. W.R. Hughes **555**, 561.
Centurion (HMS) **282**, 1588. **343**, 1262.
  1st
    The Centurion's anchor, illus. C.A. Grove **158**, 1157.
  2nd
    Description **146**, 849.
    Sinks steamer Derna in collision at night **145**, 379.
Ceres, A.F.: Merchant marine--national necessity **291**, 570.
Ceres (Eng.) **351**, 766. **354**, 1221.

Cerro (Pres. Peru) 338, 557.
Cervera 306, 651.
Views of Admiral Cervera regarding the Spanish Navy in the Late War 87, 747.
Cervera's Fleet, Destruction of, Santiago, 1898: 415, 1239.
Cervera's Ships, The Sighting of. Victor Blue 91, 585.
Cesarevitch (Russian battleship): Damage inflicted by Japanese. See: Hood, John 127, 1047.
Cevera, D.J.M.: Consideration of the caliber of the main battery of battleships 144, 1595.
Ceylon 263, 111.
Communist China Aiding (Nbk) 812, 104.
Chacabuco (Chilean cruiser): Purchased 101, 92.
Chacal (Fr. sloop) 337, 402.
Chaco boundary dispute: See: Bolivia.
Chadwick, D.V. 266, 610.
Chadwick, F.E.
Aids to Navigation 17, 255.
Explanation of Course at War College 98, 301.
Letter on Training Man-of-War's Men 98, 269.
Naval Department Organization 71, 493.
On training ships 102, 276.
Opening address at Naval War College 1902: 102, 251.
Our Merchant Marine: the Causes of its Decline. Honorable Mention, 1882: 19, 75.
Ship's Boats 70, 359.
Speech of presentation at unveiling of Sampson memorial window, U.S. Naval Academy 129, 268.
The Training of Seamen 11, 17.
Chadwick, G.: Destroyer engineering department 338, 515.
Chafee, J.H.: P.O.W. Treatment: Principles Versus Propaganda 821, 14.
Chaffee, A.R. 287, 125.
Chain cables 428, 1438.
Evolution and Introduction of. R.P. MacHatton 445, 361.
Chains
Cast steel chains 188, 2429.
Notes on ground tackle. A.S. Dysart 205, 469. 303, 372.
Nylon Chain May Replace Metal (Nbk) 772, 154.
Challenger (Br.) 353, 1072.
Challenge of the Challenger. E.H. Shenton 786, 74.
Trials 108, 989.
Chamberlain, A.: Permanent bases of foreign policy 342, 1129.
Chamberlin, L.C.: Slip of Tongue (anec) 597, 1217.
Chamberlin, W.
German Naval Strategy in 1914: 451, 1277.
Inconsistent American Neutrality 450, 1079.
Literature of Jutland 468, 237.
Naval Censorship in 1914: 471, 669.
Tradition of Offensive in United States Navy 464, 1375. 468, 304.
Chambers, E.T.R.: Naval uses for seaplanes 303, 414.
Chambers, George: Bombardment of Algiers--October 1961 Cover.
Chambers, J.H.L., Jr.: Discovery of North America 599, 65. 601, 317.
Chambers, L.S.: Research and Development Phase of Aircraft Procurement (ProfNote) 684, 121.
Chambers, V.C. 605, 783.
Chambers, W.I.
Aviation today and the necessity for a national aerodynamic laboratory (1912). Illus. 144, 1491.
A Modified Monitor 18, 437.
Naval Aviation, 1911: 139, 1090.
Notes on aviation, 1911: 142, 701.
Notes on the Nicaragua Ship Canal 35, 807.
On Lapointe's "Aviation in the Navy." 142, 744.
On the naval profession 122, 839.
On promotion, present and prospective 114, 449.
Rescue of Trinity's Crew from Heard's Island 23, 121.
The Reconstruction and Increase of the Navy. Prize Essay, 1884: 32, 3.
Chambers, Washington Irving 815, 32. 821, 39. 824, 35.
Chambers of Commerce
Detroit plan 302, 340.
Meet in Washington, D.C. 341, 989.
Chambliss, A.M.: Diesel vs. Steam: Comparison for 5,000-Ton Cruiser 429, 1577.
Chambliss, W.C.
Air Bombardment Regulation 381, 1577. 386, 557.
Base Nonsense 504, 203.
History While It's Hot 494, 415.
Lend-Lease Long Ago 537, 1325.
Navy for China 497, 853.
Now You Can Swim Away 500, 1223.
Oil in Troubled Waters 489, 1425.
Recipe for Survival 485, 949.
Wind Rules Again 483, 636.
Champagne (SS): Sunk 179, 168.
Champion, C.C.: Commercial aviation development 255, 848.
Champion, C.C., Jr. 444, 260.
Champlain (Can.) 345, 1573. 347, 124.
Champlain (SS) 350, 621. 351, 777. 353, 1082. 354, 1229. 356, 1530.
Chandler, C. de F.: Airships for military purposes 270, 1527.
Chandler, D.F.H.
A Sad Case (anec) 766, 49.
We Ordered Beer (anec) 763, 51.
Chandler, J. Hassett 821, 78.
Chandler, J.T.: Destruction of the U.S. Naval Reserve (NAMB) 880, 84. 885, 81.
Chandler, L.H. 351, 757.
The Automobile Torpedo and its Uses. Honorable Mention, 1900: 93, 47.
Principles of command 227, 15. 228, 233. 229, 403.
Tactical Diameters and Maneuvering Powers of Ships 97, 67.
Torpedo Operations in Naval Warfare 95, 417.
Chandler, Lloyd H.
An answer to criticisms of "Is amalgamation a failure?" 118, 555.
Automobile torpedoes: their use and effectiveness 108, 883.
Change in deviation of the compass due to change in trim 128, 1269.
Coordination in national policy 165, 1407.
Is Amalgamation a failure? 116, 823. Addendum 117, 301.
On torpedo tubes in battleships 107, 563.
On Wilson's Engineering post-graduate schools 162, 500.
Salvage of the Argentine naval transport Pampa. (Illus.) 183, 987.
Chandler, Lloyd H., Translator: Aquino, Radler de.: Compensation of the compass and determination of the deviation without...azimuths 132, 1223.
Chandler, R.: Rigging and Equipment of Vessels of War 21, 483.
Chandler, T.E.: American and British destroyers 230, 585.
Chandler (USS) 202, 2083.
Chang-Tsung-Chang 309, 1023.
Change of duty. E.A. Solomons 325, 200.
Change in Modern America, Navy and (C&D) 847, 86.
Change, Resistance to
No Room for Young Turks. Peter Karsten 841, 37. 846, 96.
Worlds Apart? D.N. Edelstein 840, 18. 847, 81, 82. 849, 95. 851, 79.
Channel Dash, British Mines and. J.S. Cowie 662, 39.
Channel Depths
Canals and Channels, A Look Ahead. T.L. Lewis 774, 33. 779, 109.
Ships Outgrowing Channels (Nbk) 749, 146.
Channels, The Use of One Angle in Curved. H.C. Taylor 37, 105.
Chao-Pin, Siao: As Far as Peiping (anec) 657, 1237.
Chapelle, H.I. 608, 1141. 618, 937. 626, 469. 693, 107. 721, 118. 726, 108.
Book Review 746, 116. 763, 130. 787, 118.
The Prince De Neufchatel, American Schooner and Privateer (OldNav) 725, 170.
The Rambler (C&D) 771, 123.
Chapin, H. (joint author): See: Smith, F.G.W.
Chapin, H.M.: Early marine signal flags 297, 1191.
Chapius, M.: Torpedo fire at moving targets. P.R. Alger, Tr. 129, 153.
Chaplain Corps: No Higher Calling. F.F. Smart, Jr. 666, 36.
Chaplain Teachers, Famous, of Midshipmen, 1800-1845. C.M. Drury 519, 681.
Chaplains
Alcalde of Monterey. R.J. Plumb 791, 72.
Naval Chaplaincy. R.H. Warren 798, 54. 803, 102.
Religious Pluralism and Navy Chaplains (ProfNote). R.G. Hutcheson, Jr. 828, 116.
Chaplin, D.D., III: LSDs for Launching LCRs (ProfNote) 684, 150.
Chaplin, P.A.: Reincarnation of the Four-Stackers (Pict) 685, 95. 690, 111, 112, 113.
Chaplin, P.A.C. 522, 1089. 539, 79. 560, 1177. 573, 1255. 594, 905. 597, 1255. 611, 89. 641, 773. 654, 894. 671, 109. 679, 105. 690, 111. 695, 116.
Pusser's Tally (anec) 696, 31.
To The or Not to The, In or On a Ship (C&D) 775, 115.
Chaplin, Philip: Who's Progressive? (anec) 654, 867.
Chapman, A.I.: Tit for Tat? (anec) 704, 121.
Chapman, P.W. 314, 334.
The Single-Seat Cockpit and the NFO (C&D) 887, 82. 895, 82.
Chapman, W.C.
Air War in Southeast Asia (C&D) 833, 100.
Book Review 752, 119. 761, 130. 785, 109. 788, 101. 790, 102. 792, 114.
[Chapman's] Book Review of Soviet Naval Strategy (Herrick) (C&D) 797, 115.
Declaration of Independence (anec) 859, 39.
Future Role of Soviet Sea Power (C&D) 762, 113.
Profile of Soviet Military/Naval Schools (Fahey) (C&D) 806, 102. 812, 85.
The Soviet Marine (Pritchard) (C&D) 834, 90.
Soviet Military Correspondence and Evening Courses (ProfNotes) 742, 140.
Tactics (anec) 621, 1221.
World's First Cosmonaut Is a Naval Aviator (C&D) 741, 115.
Chapman, W.D.
Anti-Discipline: Military Migraine (C&D) 841, 103.
Joint author: See: H.R. Lund.
Chappel, Alonzo, and His Naval Paintings. C.L. Lewis 409, 359.

Chappell, S.L.: In VS, the Enemy Has Been Found and the Enemy Is Us (ProfNote) **884**, 120. **886**, 87. **887**, 82. **889**, 78. **890**, 83. **896**, 70.
Character
Building in Army **210**, 1363.
Character and success. A.H. Rooks **311**, 38.
Military character. G. Van Orden **258**, 1249.
Principles of command. L.H. Chandler **227**, 15. **228**, 233. **229**, 403.
Three craftsmen. E.M. Eller **273**, 2049.
Charbonnier, P.: Note on correction for wind **151**, 888.
Charlemagne (French battleship): Magazine explosion **113**, 236. **136**, 932.
Charles, Emperor of Austria **219**, 798. **226**, 1989.
Abdication **190**, 2905.
Charleston, S.C.: Naval Operations against Charleston, 1862-1865, maps. W.L. Rodgers **112**, 721.
Charleston (AKA-113): Pioneers Propulsion Design (Nbk) **784**, 142.
Charleston Armor Plant
Armor plant at Charleston, W. Virginia **171**, 1029.
Cost of Charleston armor plate plant **185**, 1558.
Charleston (USS) **255**, 753. **353**, 1011.
...Capture of Guam by USS Charleston. Frank Portusach **170**, 707.
Charles XII of Sweden: Beachhead 1715. Friedrich Ruge **766**, 50.
Charles W. Morgan (U.S. whaler) **318**, 746. **399**, 655.
Charles Wilkes: Turbulent Scholar of old navy. J.D. Hill **341**, 867.
Charlier, R.H., and M. Vigneaux: Towards a Rational Use of the Oceans **854**, 26. **859**, 98, 99.
Charlotte Amalie harbor: See: St. Thomas.
Charlton, A.M. **248**, 1693. **699**, 122. **693**, 105.
Alarm Clock and Decanters (anec) **560**, 1121.
Amateur Profanity (anec) **671**, 59.
Call Away My Gig (anec) **685**, 69.
Congressional Priority (anec) **563**, 72.
Electrical division aboard ship **196**, 897.
Foundries on our men-of-war **262**, 2100.
Maintaining a Happy Ship (anec) **750**, 73.
Man-Lifting Kites in Navy **428**, 1452.
Marine Hot Rod (anec) **685**, 69.
Ship ventilation in 1741: **265**, 437.
Chart Board, Deck. A. Ross **27**, 759.
Chart Compass, The Capabilities of the. G. Herrie **81**, 141.
Charter, W.F. **721**, 106.
Chartering: Tanker Charter Market. N.T. Adams **758**, 82.
Charter Procurement: Military Cargo and the Civilian Carrier: Problem of Procurement (ProfNote). J.V. Day **853**, 109.
Chart maneuvers: See: War games and problems.
Charts
Admiralty Hydrography. Trever Blore **712**, 73.
and Chart-making. J.E. Pillsbury **29**, 187.
Aviation upper air **337**, 407.
Britain to "Deep Six" Fathom for Meters (Nbk) **787**, 154.
Chart for determining height of tide. F.S. Dellenbaugh **336**, 175.
Charting War: Sea and Cartography in Relation to Southwest Pacific. G.C. Ingleton **519**, 697.
Chart study and preparation. R.R. Mann **201**, 1887.
Compass points discarded in government charts **134**, 645.
Fleet Survey Ship. W.M. Gibson **606**, 869.
Foreign Geographic Names on Mariner's Chart. J.B. Hutt **515**, 39.
"Hydro" Charts War. R.O. Glover **527**, 27.
Marine **237**, 1961. **244**, 1041.
The Nautical Chart—It's What You Make It (ProfNote). S.E. Drummond, Jr. **806**, 116.
Needed: Shallow Thinking. C.C. Bates, George Tselepis, and Daniel Von Nieda **789**, 43.
New Look for Nautical Charts (ProfNote). V.J. Hertel **792**, 135. **800**, 112.
New Type of Admiralty Chart (Nbk) **719**, 163.
Royal Navy Goes to Metric System (Nbk) **803**, 134.
Royal Navy Publishes First New International (Nbk) **834**, 118.
Safety at sea: Proposed charts showing safety zones. Armistead Rust **153**, 1417.
Skeleton, or plotting charts. Raymond Stone **137**, 217.
Suggestion about charts. B.A. Fiske **136**, 1071.
Supremacy of English **230**, 676.
Uttmark chart for plotting **184**, 1333.
A "wrinkle" on chart symbols. G.W. Logan **148**, 1509.
"Wrinkles" in plane chart methods. R. de Aquino **150**, 413.
Charybdis (HMS): Converted for mercantile marine **183**, 1062.
Chase, J.D.
Function of the Navy **800**, 26. **805**, 93.
South of Thirty **770**, 30. **777**, 103.
U.S. Merchant Marine—For Commerce and Defense (NavRev) **879**, 130.
Chase, J.V. **222**, 1271.
Accuracy of fire at long range **210**, 1175. **213**, 1811.
Fleets: Their composition and uses **332**, 895.
Chase, L.J.: Substitute Guards (anec) **563**, 25.
Chase, L.O. **707**, 121.
Chase, Peter: Outranked (anec) **698**, 49.
Chase (ship) **335**, 109.
Chasing, Notes on. H.O. Rittenhouse **35**, 723.
Chastain, J.A.
Inside the Hump **677**, 48. **679**, 102. **681**, 103.
Role of Computers in Combat Control **703**, 59.
Chateaurenault (Fr.) **350**, 616. **352**, 924. **356**, 1524.
Torpedoed **180**, 451.
Trials **101**, 96.
Chatham (Br.) **427**, 1305.
Illustration **145**, 374.
Launched; description **141**, 323.
Chattahooche (SS): Torpedoed **183**, 1170.
Chatterton, H.A.: Minesweeping/Fishing Vessel (ProfNote) **808**, 121. **813**, 82. **817**, 91.
Chauncey (USS)
Rammed and sunk by transport Rose **179**, 164.
Trials **103**, 699.
Chauvenet, W. **392**, 1393, 1394.
Chauvenet, William
Johnson, W.W.: William Chauvenet **176**, 2283.
Littlehales, G.W.: William Chauvenet and the U.S. Naval Academy (Port.) **115**, 605.
CHD—The Heart of Military Readiness. W.V.R. Vieweg and D.A. Lee **844**, 49. **850**, 90.
Checking in: Gatewood, R.D., illus. **139**, 1019.
Chefoo incident **834**, 54.
Chelan (USCG cutter) **326**, 338.
Chemical elements names: "I Christen Thee..." W. Ley **472**, 770.
Chemical Warfare
Biological/Chemical Warfare Challenge. D.M. Saunders **751**, 44. **754**, 117. **757**, 118.
Navy Defends Non-Lethal War Gas (Nbk) **761**, 155.
Chemulpo
Battle of. Report of Captain Bayly **111**, 648.
High Noon at. B.B. Tomblin **798**, 70.
Russo-Japanese Naval Engagement at. Leroy Brooks, Jr. **300**, 126.
Chemung (USS): Torpedoed **167**, 208.
Chenard, J.H.: Needed: A Better Yardstick for Battle Readiness (ProfNote) **841**, 118.
Cheneau, J.M.: Cellulose and its Application as a Protection to Vessels **62**, 221.
Chenoweth, H.A. (artist): Lt. Col. E.H. Ellis—November 1977 Cover.
"Cherokee Strikes": See: Cagle, M.W., and F.A. Manson—Carrier Operations in Korea.
Cherokee (U.S. tug): Sunk **182**, 917.
Cherry, W.R. **591**, 564.
Chertavian, A.: The Frustration Factor (Shemanski) (C&D) **832**, 108.
Cherub (HMS) **336**, 198.
Cherub, Phoebe (Br.), and Essex (U.S.) **444**, 222.
Chesapeake (USS) **385**, 423. **405**, 1668.
Don't Give Up the Ship! H.D. Purcell **747**, 82. **755**, 118.
The flag of the Chesapeake: a plea for the banner of fifteen stripes. W.F. Halsey **146**, 781.
Last of the USS: **574**, 1371. **584**, 1107.
See also: Farenholt, A. **128**, 1279.
Chesapeake (U.S.) and Leopard (Br.)
At Loggerheads in "Cold" War. W.R. Wendt **567**, 519. **571**, 1027.
Commodore James Barron, Guilty as Charged? Jay D. Smith **777**, 79.
William H. Allen and Chesapeake-Leopard Affair. W.E. Apgar **414**, 1150. **416**, 1525.
Chesapeake (U.S.) and Shannon (Br.) **407**, 105. **612**, 214.
Case of Captain Lawrence. W.K. Post **401**, 969.
Courage Is Not Enough. E.M. Eller **401**, 943.
No More Courtly Challenges. C.C. Hanks **566**, 395. **574**, 1371. **584**, 1106.
Scapegoat of Chesapeake-Shannon Battle. A. Larsen **603**, 528. **614**, 453.
Chesney, E.D. **796**, 103.
Chester, C.M.
American colors **228**, 167.
The coming of explosive engines for naval purposes, illus. **119**, 1031.
Curves of Stability **24**, 257.
On "Courage and Prudence." **126**, 687.
On "A Note on navigation." **125**, 315.
On "training of landsmen." **103**, 617.
Turkish concessions **244**, 1063. **250**, 2124.
Work (and origin) of the U.S. Naval Observatory **110**, 265.
Chester, G.J.: "Stand By To Repel Boarders..." (Parham) (C&D) **823**, 96.
Chester (USS) **318**, 717. **325**, 206. **337**, 399. **344**, 1416.
Illustration **113**, 1.
Illustrations, plans **158**, 1117.
Launched; description **123**, 1308.
Trials **127**, 1068.
Chew, J.L.: Some Shall Escape. C.L. Lewis **510**, 887.
Chewning, W.C. **673**, 102. **678**, 103.
Cheyenne (U.S.)
See: Old Navy.
Converted into oilburner **128**, 1345.
Chiang Kai-shek (Pres. of China) **310**, 1109. **334**, 1159.
Underway With Chiang's Navy (Pict).

Cheyenne (U.S.) (Cont.)
William M. Powers **863**, 62.
Chicago (USS) **330**, 752. **337**, 399. **340**, 856. **345**, 1529, 1550. **370**, 1794, 1825. **371**, 118. **380**, 1429. **874**, 68.
See also: Our First Steel Warships (Pict).
Name plaque: See: W.H. Galbraith.
Warships, Our First Steel (C&D).
With Erben and Mahan on Chicago. J.M. Ellicott **463**, 1234.
Chicago Tribune: Army-Navy football game **287**, 131.
Chicago under steam with sails secured—December 1975 Cover.
Chichi Jima, Farewell to (Pict). **789**, 91. **793**, 103.
Chief of Naval Operations: Art, Science, and Innocence Involved in Becoming CNO. J.N. Horrocks, Jr. **803**, 18. **808**, 104. **810**, 101.
Chief Petty Officer Promotion System. J.M. Steele **362**, 532.
Chihaya, M.
Joint author: See: Matsumoto, K.
Translator and editor: See: Inoguchi, R.
Chihaya, Masataka
Co-author: See: Sadayoshi Nakayama.
Joint author: See: Torisu, Kennosuke.
Mysterious Withdrawal from Kiska **660**, 31.
Chikuami, M. (translator): See: Yoshida, M.
Childers, K.C., Jr.: NMC: The Navy's Busiest Shooting Gallery (ProfNote) **724**, 149.
Children named after ships: A Ship of One's Own (C&D) **845**, 94.
Childs, F.N.: Reap Whirlwind **477**, 1552.
Childs, W.W.: Spiritual value of discipline **323**, 52.
Chile
A.T. Beauregard **460**, 815.
Chilean Civil War, 1891. D.P. Wyckoff **716**, 58.
Dictatorship **292**, 712.
Earthquake, 1922: U.S. relief **239**, 156.
Government recognition **358**, 1813.
Montero, J. (Pres.) **346**, 1730.
Naval History
War between Chile and Peru. In Darrieus, War on the Sea **125**, 188. 188.
War with Peru. In Daveluy, R., Naval Strategy **134**, 416.
Navy **238**, 2171. **337**, 403. **345**, 1572, 1588 .
See also: Names of vessels.
Personnel: Strength of personnel, 1913: **145**, 365.
Program, 1905: **115**, 740. 1911: **136**, 1152. **137**, 281.
Vessels building: 1902: **101**, 92. 1903: **106**, 446. 1911: **140**, 1415. 1912: **141**, 306. **143**, 1100. **144**, 1625. 1913: **145**, 365. **147**, 1323. **148**, 1728. 1914: **149**, 193. 1915: **155**, 179.
Nitrate deposits of Chile **131**, 719.
Political affairs **354**, 1208. **355**, 1360. **357**, 1663.
Revolution **343**, 1284.
War with Peru, 1879: **347**, 18. **352**, 903.
Chile (SS) **228**, 320.
Chin, G.B. **500**, 1263.
China's Leader and Her Military Situation in Pre-War Days **500**, 1227.
China
Abolition of inter-city taxes **336**, 277.
Activities on Yangtse. F.L. Johnson **290**, 506.
Admirals and the Viceroy (OldNav). G.E. Gelm **840**, 82.
American Navy Is in Middle of China. W.J. Lederer **474**, 1142.
American wireless blocked in China. T.F. Millard **280**, 1208.
Amoy, Capture of, by Japanese Naval Landing Force. A.G. Quynn **436**, 815.
Anti-foreign disturbances **270**, 1568.
Armed Forces, Legal Bases for Use of Foreign, in China. E.F. Carlson **405**, 1544. **409**, 397.
Army-Navy Game or No Rules of Road. G.F. Howell **428**, 1435.
Ascent of Min. G.F. Howell **435**, 709.
Asiatic station. F.L. Johnson **351**, 697.
Associated American chambers **252**, 318.
Background of Chinese Action. J.D. Hittle **594**, 821.
Bandit operations **245**, 1231. **246**, 1388. **334**, 1159. **336**, 277. **339**, 701. **342**, 1132.
Basis of Sino-Soviet Accord. J.D. Hittle **602**, 373.
Battle of Wanhsien. G.F. Howell **291**, 527.
Belgian treaty annulled **287**, 118.
Between Wars in Far East. J.A. Lee **431**, 63.
Bombardment, Effects of Aerial, in China. C.E. Coffin, Jr. **427**, 1317.
Books re Sino-Japanese treaties **347**, 139.
Boxer Rebellion **610**, 1365.
Britain placates. T.F. Millard **281**, 1396.
Cabinet changes at Nanking **348**, 307. **349**, 446.
Cadets in English navy **325**, 237.
Canton **342**, 1132.
Capture and Destruction of Barrier Forts. H. Colvocoresses **423**, 680.
Flower Boat. A.R. McCracken **590**, 369.
Captain Plant. G. Howell **313**, 206.
Century of Port Arthur. Hyman Kublin **651**, 505.
Chang Hsueh-liang: Manchurian dictator **337**, 418.
Changsha **331**, 876.
Chefoo **307**, 810.
Chiang Kai-shek **310**, 1109. **334**, 1159.
China Seas, The Navigation of. Z.L. Tanner **8**, 181.
China Still No Nuclear Threat (Nbk) **796**, 158.
China War (1937-1941): Lessons of an Undeclared War. Masatake Okumiya **838**, 25.
China's Leader and Her Military Situation in Pre-War Days. G.B. Chin **500**, 1227, 1263.
China's nuclear weapons program: Department of Defense and the Chinese Threat. A.M. Fraser **852**, 18. **858**, 97.
Chinese Communists: Sea Power: Bulwark Against Chinese Communist Imperialism. Anthony Harrigan **688**, 68. **694**, 110.
Chinese Communists Send Warships to Indian Ocean (Nbk) **811**, 99.
Chinese defense forces: Department of Defense and the Chinese Threat. A.M. Fraser **852**, 18. **858**, 97.
Chinese provincial names. W.A.P. Martin **330**, 734.
Chinese souvenir art: Yankees in China Ports. Ralph Oman **836**, 70.
Chinese Weekly Reviews **337**, 418.
Chungking to Ichang. G.F. Howell **427**, 1312.
Civil War **261**, 1938. **263**, 165. **284**, 2124. **285**, 2354. **292**, 710. **305**, 618. **323**, 78. **326**, 359. **329**, 666. **330**, 774. **334**, 1159. **340**, 844. **341**, 989. **344**, 1431.
Commander for China **627**, 584.
Commodore Lawrence Kearny, the Diplomatic Seaman (OldNav). R.J. Hanks **813**, 70.
Communication, Lines of, and Their Effect on Strategy. F.H. Wells **381**, 1519.
Communism **337**, 418. **355**, 1377. **358**, 1815.
Communist China and the Arab-African Area. I.W. Zartman **691**, 23.
Compass, Charts, and Methods of Navigation. F.H. Wells **373**, 359.
Conflict of cultures **273**, 2216.
Constitution, New, ratified **341**, 989.
Deciding the Shanghai War. E. Colby **360**, 175.
Deep Six on the Yangtze (OldNav). C.J. Wheeler **896**, 58.
Disturbing Outlook in Orient. D.W. Knox **424**, 797.
The Empress Sought a Navy (OldNav). G.E. Gelm **806**, 90.
England **319**, 807, 825. **325**, 256. **336**, 252. **355**, 1378.
Example for pacifists **345**, 1593.
Extraterritorial rights **287**, 118. **317**, 650. **335**, 133. **339**, 701.
Feng's war on Nanking **317**, 649.
Fiat Justitia, Ruat Caelum, Chinese Style. W.E. Brown **429**, 1585.
Fighter Planes versus Gunboats. H.S. Mazet **489**, 1465.
Footnote to the History of China. Nelson T. Johnson **623**, 63. **625**, 336.
Foreign navigation rights **286**, 2640.
Foreign Relations
See also: Japan.
China seeks release from agreements with Japan **193**, 473. **195**, 859.
Foreign Squadron
in China in 1895: **73**, 193.
Letter regarding Operations in. Louis Kempff **98**, 373.
Operations in North. W.C. Davidson **96**, 637.
Foreign trade **287**, 119. **309**, 1024.
Four tigers of Chinese. A.G.C. Hallock **292**, 739.
From Side Lines. J.M. Sheehan **431**, 33.
Germany, iron mill **355**, 1378.
Guerrilla Warfare, "Long March" as Extended. W.W. Dinegar **589**, 269. **598**, 1367.
Hankow **233**, 1259. **289**, 371. **316**, 553.
Hankow incident. E. Colby **341**, 927. **343**, 1254.
Historical Background of China's Troubles. R.A. Dawes **376**, 817.
History
The Chinese Revolution of 1913: **151**, 934.
Opening of China to commerce. In Paulin, C.O., Early voyages **136**, 1083. **138**, 387.
Recollections of the China War of 1860. A.C. Hansard **139**, 823.
Restoration of Chinese Republic, March 1916: **163**, 1021.
The short lived Manchu monarchy **174**, 1921.
Thorns in the Dragon's Side. F.L. Greaves **741**, 46.
Homer Lea—Interloper on History. J.C. Kimball **830**, 61.
Hongkong
British Naval Station and Imperial Outpost. J.K. Eyre, Jr. **493**, 303.
limited by Washington treaty? W.S. Anderson **282**, 1513.
Value of. H. Russell **269**, 1251.
Hwang Tsao. G.F. Howell **426**, 1151.
Is China Great Power? A. DeConde **599**, 29. **606**, 902.
Kellogg pact, U.S. re **323**, 78. **324**, 168.
Kun, Tsao: President **250**, 2127.
Kuomintang party **133**, 467. **335**, 315.
League of Nations and **345**, 1578, 1584.
Lost, strayed, or stolen - four gunboats. G.F. Howell **326**, 281.
Mao Tze Tung—"Sun in East." S.B. Griffith, II: **580**, 615.
Massacres in Kansu **336**, 277.
McGiffin, P.N.: Commander for China. R.O. Patterson **622**, 1366.
Modern Chinese army. B.T. Holcomb **340**,

China (Cont.)
Modern Chinese army (Cont.) 795.
Money, Chinese--New Picture. J.B. Ewald **537**, 1369. **541**, 351.
Mongol Armada. G. Howell **414**, 1147. **418**, 1778.
Nanking **291**, 610. **292**, 710. **299**, 1. **305**, 598. **307**, 810. **308**, 927. **309**, 1023. **312**, 166. **327**, 463. **340**, 844. **348**, 307. **349**, 446. **352**, 904. **355**, 1360.
J.M. Sheehan **487**, 1189.
Naval activities. F.L. Johnson **290**, 506.
Naval History
Capture of Wei-hai-wei, and the Japanese war in 1895, maps. W.L. Rodgers **113**, 97.
War with Japan. See: Darrieus. War on the Sea **125**, 196.
Naval Strategy in Sino-Japanese War. S. Wang **461**, 991.
Nineteenth route army **351**, 774.
Notes from submarine divisions, Asiatic. E.B. Perry **322**, 1031.
Notes on Asiatic Cruise. F.J. Nelson **397**, 390.
"Open Door," Genesis and Passing of. J.M. Sheehan **577**, 247. **595**, 1026.
Open Door policy **357**, 1667, 1687.
United States Navy and. L.C. Dunn **551**, 53.
Operations of U.S. Navy. G. Howell **302**, 273.
Opium Obbligato. G.F. Howell **430**, 1729.
The Orient in 1916; its interest to the U.S. S.E. Moses **167**, 73.
Other days in Kiangesu. L.A. Cotten **268**, 952.
Our Chinese Navy. W.S. Wharton **263**, 68.
Panay Incident: Prelude to Pearl Harbor. H.J. Swanson **778**, 26. **783**, 111.
Pearl River Log, Different Navy, Different World. J.P. Clay **811**, 58.
People's Liberation Army: Department of Defense and the Chinese Threat. A.M. Fraser **852**, 18. **858**, 97.
Permanent seat in League Council demanded **329**, 664.
Pioneer Builders of Giant Ships. F.H. Wells **366**, 1175.
Political and Legal Aspects of Nationalist China's "Port Closure." R.C. Wing **567**, 499. **572**, 1137.
Political unrest **351**, 753. **358**, 1815.
Protection of American Nationals. R.C. Smith, Jr. **334**, 1097.
Provincial names. W.A.P. Martin **330**, 734.
Railway problem **239**, 197. **251**, 149. **304**, 519. **334**, 1158.
Rebels fire on U.S. ships **333**, 1056.
Recognition of nationalists **307**, 810.
Referendum on monarchical government, 1915: **160**, 2127.
Report on China, 1950. C.D. Smith **571**, 951.
Revolt in Indo-China **328**, 565.
River cargo insurance **449**, 1067.
Russia **272**, 2039. **319**, 823. **320**, 917. **323**, 78. **324**, 168. **354**, 1228.
Russia and England in. N. Roosevelt **285**, 2400.
Russia and Red China--Mutual Nemeses. Adrian St. John **702**, 48.
Sea Duty on Yangtze. R. Pfaff **369**, 1612.
Shanghai **248**, 1751. **285**, 2400. **290**, 492. **291**, 610. **325**, 256. **358**, 1699.
Port of Call. V.F.G. Jacobs **432**, 172, 298.
Shanghai Duty, 1937-1938: How Bittersweet It Was (Pict) (C&D) **873**, 78, 79.
Shanghai Duty, 1937-38 (C&D) **864**, 79.
(Pict) **861**, 79.
Shanghai--Japanese Events
Action by Japan **349**, 434.
Air forces **356**, 1537.
Boycott **349**, 434.
Conference proposed **354**, 1209.
England and U.S. protest **349**, 445.
Evacuation **353**, 1058.
German officers direct defense **350**, 619.
Indefinite status of Shanghai. B. Anderson **358**, 1699.
Infantry: Value **354**, 1219.
League of Nations **350**, 597, 598.
Manchuria and: Distinction **351**, 773.
Occupation **349**, 445.
Russia's opinion **351**, 774.
Sailors' inefficiency **350**, 618.
Truce negotiations **350**, 597. **351**, 752. **352**, 904.
Ultimatum **349**, 433.
Shantung **229**, 509. **240**, 377. **314**, 355. **316**, 554.
Signatories 9-power treaty **349**, 426, 446. **350**, 620.
Situation, 1927: **291**, 631.
Smedley Butler's Air Corps: First Marine Aviators in China. G.M. Neufeld and J.S. Santelli **890**, 48.
Student riots **346**, 1713.
Sun-tzu and Wu-tzu: Masters of War. R.O. Patterson **593**, 751.
Tariff **274**, 2412. **312**, 166. **336**, 277.
Ten Books on China. Nelson T. Johnson **624**, 219.
Tientsin **330**, 774.
to Have Missiles Soon (Nbk) **806**, 130.
Tong's 12 points **283**, 1843.
Treaty Rights in China. B. Anderson **366**, 1107.
Tsingtao **204**, 278.
Occupation of. A.A. Ageton **465**, 1575.
Siege of. E.B. Perry **316**, 524.
Typhoons and sycee. R.C. Smith, Jr. **345**, 1473.
United States Disaster in China. E.M. Eller **557**, 739.
U.S. Naval Group, China. M.E. Miles **521**, 921.
U.S. silver loan proposed **338**, 560.
USS Noa and the Fall of Nanking. Roger Pineau **633**, 1221.
The upper Yangtse river. A.F. Carter **168**, 325.
Vessels building 1903: **106**, 446. 1913: **148**, 1728. 1914: **150**, 495.
Wanhsien **289**, 392. **291**, 527.
War area, 1937: **417**, 1678. **419**, 149.
Ward, Frederick Townsend: Mandarin from Salem. R.O. Patterson **600**, 157. **611**, 90. **614**, 452.
War or fighting? **346**, 1707.
War spirit aroused **345**, 1584.
Wei Hai Wai surrendered by England **326**, 359.
Whampoa Academy. J.H. Herzog **782**, 46.
Why this chaos. C.T. Hutchins **290**, 421. **294**, 873.
Wuchang **286**, 2648.
YangPat--Shanghai to Chungking. Kemp Tolley **724**, 80.
Yangtze
Action on. C. McR. Winslow **410**, 491.
G.C. Manning **372**, 221.
gorges **426**, 1151. **427**, 1312. **428**, 1435. **489**, 1418.
Gunboat, Duty in. R.C. Sutliff **389**, 981.
Kiang, Gorges of. J.M. Sheehan **489**, 1418.
U.S. Gunboats. L.J. Gulliver **475**, 1285. **477**, 1610.
The Yangtze Patrol. Esson M. Gale **625**, 307.
Yangtze River campaign, 1926-27. K.N. Gardner **347**, 40.
China--Navy
China's New Navy, American Built, Starts from Scratch. L.J. Gulliver **543**, 627.
Chinese war fleet in 1914: **152**, 1178.
Naval College at Shanghai to be established **148**, 1730. **149**, 193.
Navy for China. W.C. Chambliss **497**, 853.
Navy in Orient in 1842. D.W. Kendall **471**, 645.
Report on Red China's New Navy. G.Z. Hanrahan **606**, 847. **618**, 930.
Sale of vessels, 1902: **101**, 92.
China--People's Republic
The Bear and the Dragon. J.B. Wolf **801**, 84.
Blue Water Around Red China. W.H. Hessler **720**, 27. **724**, 121.
China: Nuclear Dragon. Scott Allen **832**, 43.
Chinese Communist
Navy. E.J. Cummings, Jr. **739**, 64.
Territorial Water Claims (ProfNote). D.J. Edwards **728**, 157.
Chinese Cut Back Air Operations (Nbk) **735**, 152.
Communist China
and the United States--The First Step. H.G. Summers, Jr. **830**, 54.
Growing Seapower? (C&D) **832**, 106.
Growing Seapower? (ProfNote). R.W. Herrick **823**, 106.
Don't Envy the Enemy. A.J. Clapp **765**, 49. **768**, 113, 114.
French Firms Win Red China Shipbuilding Contract (Nbk) **742**, 151.
Hostile Coexistence. G.B. Fink **770**, 66.
Japan's Taiwan Dilemma. J.Z. Reday **829**, 49.
"New" China Policy? E.B. Duffee, Jr. **821**, 18. **826**, 90. **832**, 106, 107.
Pao Chia: Social Control in China and Vietnam. F.L. Singer **753**, 36.
Red China
May Be Building SSBMs (Nbk) **782**, 144.
Strips Army of Insignia (Nbk) **750**, 160.
Revolutionary Warfare, the Soviet and Chinese Views. J.J. Baritz **775**, 84.
Thorns in the Dragon's Side. F.L. Greaves **741**, 46.
China--People's Republic--Navy
The Missions of the PRC Navy. D.G. Muller, Jr. **897**, 46.
THE PRC Navy--Coastal Defense or Blue Water? (NavRev). Bruce Swanson **879**, 82. **885**, 74.
Red Navy's Role in the Sino-Soviet Split. J.K. Holloway, Jr. **847**, 18.
China (SS): German prisoners taken from American steamship China **163**, 1019.
Chinyen (Japanese cruiser): Fatal explosion **107**, 757.
Chipman, Briscoe: Marital Mutiny (anec) **662**, 73.
Chippendale, B.W. **426**, 1189.
Chippewa (U.S.) **428**, 1426.
Chirillo, L.D. **695**, 113.
Discipline Below (ProfNote) **691**, 133.
Dissidence Is Not a Virtue (Burke) (C&D) **881**, 79.
The Future of the Navy (Blechman) (C&D) **892**, 83.
Navy Shipbuilding: Building Ships or Bureaucracies? **870**, 38. **875**, 68.
Chiriqui (SS) **347**, 127. **349**, 436. **351**, 777. **356**, 1530.
Chitose (HIJMS) **344**, 1418.
Chlorine indicator: Electric chlorine indicator. P.V.H. Weems **195**, 775.
Choco Project, The (ProfNote). A.H.S. Candlin **773**, 135. **777**, 106.
Chokai (Jap.) **335**, 114. **337**, 400. **341**, 974. **342**, 1110. **351**, 774.
Chretien, C.D. **543**, 628.
Christening of vessels: Baptism of ships. R.G. Skerrett **130**, 541.

Christening of vessels: Customs at launchings 131, 997.
Christening—Ship
Champagne 372, 295. 374, 588.
"I Christen Thee." M.K. Hayter 506, 382.
"Naming ceremony" suggested as correct term 373, 420.
Christensen, C.V.: In Defense of the NROTC (C&D) 810, 100.
Christensen, H.D.
Captain Ahoy? (anec) 671, 29.
Do Not Remove (anec) 600, 179.
Christian ethics an element of military education. S.B. Luce 120, 1367.
Christiansen, J.S.: F-14—Weapon System in Search of Its Engine (ProfNote) 886, 103. 888, 73.
Christian X (ship): Description of voyage of the motor ship Christian X. 147, 1262.
Christie, R.W. 710, 110.
Christman, T.J. 574, 1375.
Christmas
Christmas ship. H. Rodman 341, 888.
How navy brought Santa Claus to France. W.P. Folk 346, 1664.
Christmas, J.K. 316, 560.
Christoph, K.J. 457, 402. 460, 859. 462, 1165. 468, 249. 470, 557. 471, 706. 472, 859. 473, 1009. 474, 1157. 475, 1306.
Chromium plating 282, 1625. 288, 218. 326, 363.
Chronodeik, The. P.F. Harrington 13, 306.
Chronograph, A Polarizing Photo 76, 909.
Chronology
Naval and Maritime Events
July 1968-December 1969 (NavRev) 807, 15. 812, 87.
January 1970-June 1970 (NavRev). W.E. Dutcher 819, 55.
July 1970-December 1970 (NavRev). Toby Marquez and J.B. Finkelstein 819, 333.
January 1971-June 1971 (NavRev). J.B. Finkelstein 831, 43.
July 1971-December 1971 (NavRev). J.B. Finkelstein 831, 339.
January 1972-June 1972 (NavRev). J.B. Finkelstein 843, 45.
July 1972-December 1972 (NavRev). J.B. Finkelstein 843, 347.
January 1973-June 1973 (NavRev). J.B. Finkelstein 855, 49.
July 1973-December 1973 (NavRev). J.B. Finkelstein 855, 289.
January 1974-June 1974 (NavRev). J.B. Finkelstein 867, 49. 873, 80.
July 1974-December 1974. J.B. Finkelstein 867, 263.
January 1975-June 1975 (NavRev). J.B. Finkelstein 879, 49.
July 1975-December 1975 (NavRev). J.B. Finkelstein 879, 245.
January 1976-June 1976 (NavRev). J.B. Finkelstein 891, 49.
July 1976-December 1976 (NavRev). J.B. Finkelstein 891, 243.
Chronometers
Chronometer: All for Purpose of Marking Time. D.C. Holly 601, 303. 611, 89.
Chronometer rates. E.E. Hayden 107, 729.
Competitive Trial of. E.K. Moore 32, 137.
John Longitude Harrison. Donald Macintyre 742, 74.
Method of Testing. E.K. Moore 29, 171.
New Timepiece for Royal Navy (Nbk) 803, 135.
Rules for the Care and Handling of. T.S. and J.D. Negus 20, 199.
Sidereal or Mean Time? R. de Aquino 416, 1430, 1469.
The Solution for the Elements of the. U.R. Harris 70, 313.
Chronometrical Longitudes, A New Method of Reducing. A.B. Clements 45, 337.
Chung, Dr. Margaret 675, 157.
Church, A.T. 341, 995. 446, 571.
Admiral Marc Mitscher: A Naval Aviator (Burke) (C&D) 870, 87.
Church, A.T., Jr.
An Act of Faith and Hope (Bess) (C&D) 869, 81.
and L.R. Vasey: Defense Organization Issues 696, 23.
Citizen and His Navy 619, 989.
"I am the Two-Headed Ogre..." (Keener) (C&D) 882, 73.
New Rules of the Road 853, 43. 860, 84.
Semantics of the Military Term "Joint" 749, 36.
Three Wars That Face Us 636, 145.
Tiger Hunting in Dinglabash (Aurand-Echo) (C&D) 860, 92.
Time Has Come, the Porpoise Said..." 839, 34. 846, 99.
Church, F.E. 398, 562.
Church Call Without a Chaplain. J.H. Shilling 675, 70.
Churches: St. Peter's Chapel, Mare Is., Calif. T.A. Kearney 353, 1025.
Churchill, L.P. 295, 1045.
Churchill, W. 254, 676. 355, 1392. 357, 1577, 1645.
Atlantic Conference: First Roosevelt-Churchill Meeting. R.P. Strange 602, 389.
Puleston, Churchill and Dardanelles 360, 263. 364, 883. 369, 1627.
Winston Churchill and Second Front. W.H. Standley and A.A. Ageton 609, 1219.
Winston Churchill as First Lord of Admiralty, 1911-1915. A.J. Marder 599, 19.
Churchill, William
Letter on French bronze guns 122, 843.
Letter regarding bravery of Seumanutafa and Fa'atulia in Samoan hurricane, photos 126, 601.
The Vandalia's flag 141, 181.
Churchill, Winston Spencer 839, 72. 846, 95.
Churchill, Sir Winston: Writings of Sir Winston Churchill, a "Former Naval Person". S.W. Roskill 752, 114.
Church pennant. A.R. McCracken 330, 717.
Chwalek, C.J. The Deep Question (Cohen) (C&D) 795, 112.
Chynoweth, B.G.: Duty—Honor—Country: The Durable Truths (C&D) 844, 81.
Cianflone, F.A.: Eagle Boats of World War I (OldNav) 844, 76. 849, 89.
Cienfuegos, Cuba: Soviet Submarine Visits to Cuba. B.M. Blechman and S.E. Levinson 871, 30.
Cierva, J. de le: See: Autogiros.
Cincinnati (U.S.): Remembrance of My Cruise (Pict). C.A. Focht 786, 88. 804, 94.
Ciphers
and codes 363, 692. 367, 1296.
Yiykaejr gzqsywx. (Military ciphers) W.E. Beard 186, 1829.
Circe (French sub): Torpedoed 190, 2873.
Citations and commendations: Honored Men and Ships 544, 749. 546, 1065.
Citizen, Laying Aside the. A.E. Eastman 679, 54.
Citizen's Army, Last Muster for. P.J. Katauskas 828, 61. 840, 97.
Citizenship
Citizenship and protection of naturalized citizens abroad. Oscar S. Strauss 109, 121.
Statutory history of naturalization in U.S. Gaillard Hunt 109, 137.
Citizens in the Officer Corps...ROTC's Past and Present (ProfNote). D.H. Else, III: 845, 107.
City of Athens (SS): Loss of; and the finding of the court 176, 2426.
City of Flint (U.S. SS) 462, 1147.
See: Matter of Judgment.
City of Hamburg (SS) 344, 1418.
City of Hongkong (SS) 322, 1073.
City of Memphis (SS): Torpedoed 171, 1093.
Ciudad Bolivar, Battle of: Battle of Ciudad Bolivar and the end of the revolution in Venezuela 111, 679.
Ciurlo, E. 385, 407.
Civic Action—NSA, DaNang Style (ProfNote). J.V. Cricchi 805, 118.
Civil authorities: Jurisdiction of 291, 585.
Civil Control of Military
Chore or Challenge: A Professional Ethic for the Nuclear Age. C.M. Guelzo 735, 26.
Civilian Command or Civilian Control? S.P. Ingram 783, 26. 786, 109. 789, 107.
Civilian Control of the Navy (C&D). W.B. Franke 732, 106.
Civilianism, Civilianization, and the Military Services. J.C. Sandsberry 837, 62. 844, 95. 846, 95. (C&D): 851, 87, 89.
Ivy-Clad Man on Horseback. P.R. Schratz 745, 42. 749, 106, 107.
A Look at Civilian Control. P.R. Schratz 712, 35. 722, 117.
The Military and Power in the United States. R.J. Kurth 747, 38. 751, 108, 110, 111.
The New Military Professional. W.L. Jesse 863, 25. 868, 84.
Pentagon's Whiz Kids. R.J. Stillman 758, 52. 761, 114, 115. 764, 123, 124, 125.
Professionalism: The Hard Choice. F.C. Thayer 820, 36.
Professional Officer and Foreign Policy. C.O. Lerche, Jr. 737, 68.
Protection of High Civil Office (C&D). J.C. Wylie, Jr. 749, 104.
Civil Defense: Case for Anti-Ballistic Missiles. H.A. Crosby 773, 26. 778, 111.
Civil Engineer Corps: Civil Engineers, Seabees, and Bases in Vietnam (NavRev). C.J. Merdinger 807, 254.
Civilian and Military Leadership
Expansion of the Military Mind. W.L. Jesse 856, 24. (C&D): 863, 83.
Civilian Conservation Corps
Civilian Conservation Corps with Navy. C.M. Austin 388, 781.
Impressions of Duty with CCC. R.J. Toner 399, 670.
Value of CCC Duty to Reserve Officers. A.L. Wills 434, 501.
Civilian Defense
and Navy. P.S. Lincoln 475, 1224.
Civil Defense An Operational Evaluation. B.H. Colmery, Jr. 727, 66. 734, 114.
Civilian employees: The Civilian Navy. F.H. Featherston 765, 99. 768, 116. 770, 116.
Civilian Life
Both Sides of the Picture. J.O. Hoffman 321, 938.
USS "Outside." N.B. Musser 319, 786.
Civilian Thoughts on the Navy. J.C. Seymour 835, 18.
Civilian vs. military: Worlds Apart? D.N. Edelstein 840, 18. 847, 81, 82. 849, 95. 851, 79.
Civilian work force: The Naval Shore Establishment and Parkinson's Laws. D.A. Morton 868, 44. 872, 88. (C&D): 875, 72.
Civilization, Influence of Sea Power on. Sidney Gunn 206, 579.
Civil Liberty, Navy and. W.B. Prendergast 548, 1263.
Civil Relief Act, Soldiers' and Sailors'—An Analysis. S.P. Claud 464, 1438.
Civil Service

Civil Service (Cont.)
Candidates for Public Servants. D.A. Frost **382**, 1713.
Changing Climate in Federal Labor Relations. Chantee Lewis **745**, 60. **749**, 108.
Mariners: Civilian-Manned Support Ships: A View from the Fleet. S.W. Emery, Jr. **890**, 34.
Ratings: Chore or Challenge? (C&D) **859**, 96.
Civil War
See also: Old Navy. Civil War in the Far East.
Aeronaut--Mk. 1 (OldNav). G.E. Fant **832**, 90.
Again the Alabama (OldNav). S.W. Handford **736**, 172.
Annapolis, Civil War. L.H. Bolander **417**, 1612.
Arkansas, Confederate Gunboat (OldNav). D.B. Campbell **713**, 152.
Birth of the Aircraft Carrier (OldNav). W.T. Adams **770**, 162.
Blockaders off American Coast. C.C. Hanks **456**, 172.
Blue Water Monitor (C&D) **851**, 87.
"Captain Fox--He Is the Navy Department". J.D. Hayes **751**, 64. **758**, 134.
Civil War History **660**, 109.
Civil War Monitor Site Named National Memorial (NDk) **866**, 110.
Civil War Parallel. L.H. Bolander **372**, 233.
Commerce Raider off New York. C.C. Hanks **451**, 1237. **454**, 1781.
Confederacy's Only Foreign War. C.C. Hanks **458**, 534.
Confederate Blockade Runners. P. Hendren **362**, 506.
Confederate Midshipmen and Treasure Train. T.S. Dukeshire **652**, 628.
Confederate Raider Shenandoah at Melbourne. Celia Woodworth **844**, 66.
Confederates on Lake Erie (OldNav). A.M. Woolson **842**, 69.
Cushing, Picnic with. G. Howell **402**, 1098.
"Daar Kom Die Alabama" (OldNav). Ben Eiseman **866**, 72.
A Diary on the Blockade in 1863. C.A. Post **188**, 2333. **189**, 2567.
Expeditionary Corps of 1861. F.E. Town **359**, 20.
Farragut and Porter, Relations Between. R. West **389**, 985.
Fort Fisher Campaigns, 1864-1865. J.E. King **582**, 843. **588**, 197.
Goldsborough, L.M.: Narrative **365**, 1023, 1091. **369**, 1669.
Great Stone Fleet, Calculated Catastrophe. Arthur Gordon **790**, 72. **796**, 101.
Gunboats in the River War, 1861-1865. (Pict). J.C. Roberts and R.H. Webber **745**, 83.
Harvest Moon, Yankee Landmark in Carolina (OldNav). G.R. Kolbenschlag **769**, 150. **775**, 117.
James B. Eads: Navy Shipbuilder, 1861 (OldNav). P.F. Dorset **870**, 76.
July Morning with Rebel Ram Arkansas. Paul Stevens and S.B. Coleman **713**, 85.
Keokuk's Guns. H. Von Kolnitz **423**, 678.
The Keokuk's Guns (OldNav). P.H. Faist **760**, 174.
Last Confederate Raider. C.C. Hanks **455**, 21.
Little Egypt's Naval Station (OldNav). D.M. Wegner **829**, 74.
Lost Corps: Confederate States Marines. J.E. McGlone, III: **837**, 68.
McKay, D.: Famous Shipbuilder Acts as Peacemaker at Home and Abroad. R.C. McKay **440**, 1405.
Mines of Long Ago. C.C. Hanks **453**, 1548.
Monitor-Merrimac Legend. A.C. Smith **445**, 385.
Morgan Purchases. R.S. West, Jr. **443**, 73.
Naval Academy
Confederate States. W.P. Folk **379**, 1235. **447**, 717.
Confederate States: Treasure Hunt in Reverse. W. Folk **409**, 380. **414**, 1167. **447**, 717.
in Five Wars. L.H. Bolander **505**, 279. **518**, 35.
Navy and Committee on Conduct of War. H. Williams **442**, 1751, 1775.
New Orleans, 1862, Fall of. H.O. Werner **710**, 79.
Old Man River, 1863. H.G. Dohrman **376**, 809.
Our Navy's Worst Headache, the Merrimack. A.L. Demaree **709**, 67. **711**, 120. **716**, 109.
The Partnership. H.J. Maihafer **771**, 49.
Picnic With Cushing. Glenn Howell **402**, 1098.
Photography, Naval, Origins of American (Pict). N.T. Kirk **580**, 639.
Potomac Flotilla, Child's Recollections of. J.M. Ellicott **384**, 185.
Press, Navy and, During Civil War. R.West **407**, 33. **411**, 709.
"(Private and Confidential) My Dear Fox--". R. West **411**, 694.
Raider That Never Made It (OldNav). Anthony Preston **781**, 140.
Rams, Rebel. F. Pratt **425**, 1021. **427**, 1344. **429**, 1647.
Red Rover: First Hospital Ship of the U.S. Navy (OldNav). W.T. Adams **789**, 149.
Sea Power in the Civil War. J.D. Hayes **705**, 60. **709**, 106, 107. **716**, 110, 111.
Some Unfinished Civil War Business **655**, 1003.
"Stanton's Navy?" But Was It Really (OldNav). Edwin Turnbladh **849**, 71.
Stone and ship blockade, Charleston, S.C. **424**, 830.
Strange Career of the Stonewall. Lee Kennett **780**, 74.
Study in Divided Loyalties. O.D. Swartz **718**, 61.
Submarines of Confederate Navy. C.H. Blair **596**, 1115.
Submarines, Three Confederate. D.W. Thomson **455**, 39.
U.S. Coast Guard and Civil War. H.R. Kaplan **690**, 40.
U.S. Monitor Patapsco (OldNav). E.K. Thompson **790**, 148. **794**, 116. **796**, 114. (C&D): **803**, 104.
U.S. Naval Institute Proceedings: A Rich Source of American Civil War History (ProfNote). W.R. Heitzmann **848**, 159.
Visit of Russian Squadrons in 1863. P. Laurentz **387**, 692. **394**, 1848.
Welles, G.: Watchful Gideon. R. West **402**, 1091.
When Monitor Went Down. H.P. Martin **461**, 927.
Whiskers and hair advertisement **391**, 1349.
Yankee Paymaster. R.J. Plumb **896**, 50.
Clagett, J.H.: Skipper of the Eagle: Rehearsal for Greatness **878**, 58.
Claiborne, John H. and Jones, Julian S.: System of lighting ships and lighthouses **127**, 1005.
Clancy, J.F.
Same Difference (anec) **797**, 43.
Shades of the Old Navy (anec) **668**, 55.
Clapp, A.J. **768**, 113, 114.
Don't Envy the Enemy **765**, 49.
Shu-Fly Diary **728**, 42. **729**.
Clapp, V.O.: Formation of ice on aircraft **330**, 743.
Clarence (CSS): Cruise of the Clarence-Tacony-Archer **131**, 675.
Clarence (USS) **331**, 843.
Clark, C.G.: His Condition Could Be Worse (anec) **658**, 1319.
Clark, C.H. **467**, 101. **473**, 1008.
Clark, D.G.: Junior Officer Retention, A Lot Of Little Things (Harris) (C&D) **827**, 90.
Clark, E.H., Jr. **478**, 1763. **496**, 709. **497**, 900. **520**, 841. **523**, 1224. **526**, 1595. **529**, 338. **534**, 983. **542**, 490. **543**, 632. **544**, 766. **546**, 1029. **548**, 1302. **552**, 233. **557**, 831. **569**, 800. **570**, 917. **578**, 429. **591**, 564. **602**, 447. **614**, 460. **615**, 583. **626**, 468. **636**, 217. **638**, 437. **651**, 561. **686**, 111. **707**, 124. **709**, 118. **727**, 108.
Book Reviews **746**, 119. **812**, 91.
Chanty: Lasting Tribute to American Merchant Sailor of Last Century **458**, 501.
Famous Swords at U.S. Naval Academy **454**, 1769.
Grand Admiral Karl Doenitz: Reflections at 80 (Ancell) (C&D) **847**, 99.
Joint author: See: Rommel, H.F.
New Ships and Conversions--1945-1955: **637**, 303.
Russo-Japanese War (Pict) **627**, 572.
Significance of Prize Essay Contest, 1879-1950: **582**, 799.
Significance of the Prize Essay Contest, 1879-1961: **709**, 35.
United States Place Names Honoring Navy **542**, 453.
Clark, E.S., Jr. **388**, 855. **448**, 916.
Donald McKay, Master Shipbuilder **401**, 1019. **407**, 97.
Evolution of Sextant **405**, 1581.
First Lighthouse in United States **410**, 507.
Inexpensive Handmade Sextant **377**, 908.
Memorial to Whaling **399**, 655.
Nathaniel Bowditch **407**, 84.
Sea Scouts **346**, 1685.
Sea Scouts Use of Navy Hulls **395**, 38.
Clark, F.E. **636**, 209. **648**, 223. **654**, 891. **658**, 1346.
Training In Sailing Vessels Carries On **632**, 1135.
Clark, G.R.
Birds of ebony **297**, 1185.
Here and there **322**, 1052.
History vs prophecy **160**, 1989.
Loyalty **156**, 429.
On "Another view of Alma Mater" **132**, 1262.
On other duty **129**, 127.
On training ships **102**, 282.
Protecting American interests **130**, 393.
Revolt Against Restraint **862**, 72.
This and that **343**, 1205.
The Training Service **74**, 335.
When navy railroaded in China **294**, 846.
Clark, H.H.
Angel of Church That Is At Annapolis. W.W. Edel **474**, 1067.
Invocation at unveiling of Sampson memorial window at U.S. Naval Academy **129**, 268.
Clark, J.D. **481**, 409. **671**, 121.
Clark, J.J.
and E.B. Hewes: New Formula For Sea Power **714**, 23.
and F.A. Lees: Economics of Sea Power **762**, 40. **766**, 133.
and M.T. Norton: Merchant Marine: Subsidies and Competition **767**, 70. **771**, 116. **772**, 110. **773**, 113, 114, 115. **775**, 107.
Book Review **829**, 112.
Domestic Tranquility and the Common Defense **834**, 38.
The Encircling Sea **793**, 26. **799**, 116.

Clark, J.J. (Cont.)
117. **805**, 91.
Flags of Whose Convenience? **788**, 50. **802**, 120.
Navy Sundowner Par Excellence **820**, 54. **825**, 85.
Ship Manning: How Far Should We Go in Cutting (C&D) **776**, 103.
Clark, L.F.: Career Officer as Existential Hero (Deininger) (C&D) **828**, 104.
Clark, M.W. **642**, 885.
Clark, N.B.
Deflecting Armor **15**, 1, 183.
Gyroscopic Torpedoes **46**, 606.
Petroleum as a Source of Emergency Power for Warships **27**, 798.
The Separation of the Passage and Emergency Powers of Warships **43**, 5[illegible].
The V-Gun-shield for Cruisers **43**, 561.
Water-line Defense and Gun-shields for Cruisers **27**, 713.
Clark, Olga: President's Message to the 99th Annual Meeting of the Membership of the U.S. Naval Institute (C&D) **849**, 95.
Clark, R.J.
Fine Line at the Naval Academy (Calvert) (C&D) **820**, 94.
Mix Thoroughly (anec) **823**, 63.
Oil Pollution: No Solution? (Clingan) (C&D) **799**, 121.
Clark, R.R.: Construction and repair department afloat **211**, 1465.
Clark, R.W. **698**, 110. **684**, 97.
Officer Candidate School (ProfNote) **692**, 144.
Survival of the Fittest: Five Years Later (Turkington) (C&D) **887**, 78.
Clark, T.O.: Administration of Former Japanese Mandated Islands **518**, 511.
Clark, V.E.
Tendencies in airplane design **293**, 808.
Types of military airplanes **185**, 1624.
Clark, W.B. **678**, 121.
Clark, W.J.
Rugged Duty (anec) **659**, 37. **871**, 57.
Monster Seven-Seven (OldNav) **796**, 144.
Clarke, A.W.: Air cooperation with fleet **309**, 1011.
Clarke, C.W. **606**, 900.
Clarke, L.J.: R.A.F.--Redundant Air Force (Nicholl) (C&D) **851**, 79.
Clarke, Sir G.S.
Protection of Heavy Guns for Coast Defense **41**, 251.
The War and its Lessons **93**, 127.
Clarke, T.W.: Corean Guns at the Naval Academy **62**, 265.
Clark's Thumb Rules, Captain. W.E. Brown **476**, 1437.
Classification
Merchant Ships: Take A Number, Please (ProfNote). John Freestone **865**, 100.
of Naval Vessels. J.E. Hamilton **513**, 1303.
Classified material: Problem of Security. W.D. Lanier, Jr. **553**, 303.
Class rings: Baptizing **316**, 499.
Clas Uggla (Swedish cruiser): Goes around and is wrecked **176**, 2308.
Claud, S.P.: Soldiers' and Sailors' Civil Relief Act--An Analysis **464**, 1438.
Claude V. Ricketts (U.S.) **882**, 100.
See: Cover pictures.
Claudius, H.G.: Military Fraternity **361**, 384.
Claudus, R.: Cover painting **590**, 435.
Claudus naval actions **433**, 451. **434**, 623. **435**, 779. **447**, 765. **449**, 1066.
Claudy, C.H.: Mechanics and mathematics of the draft **175**, 2131.
Clausewitz, Karl von
Clausewitz, Cuba, and Command. P.R. Schratz **738**, 24.
Views of Clausewitz on war. See: Darrieus, War on the Sea **126**, 516.
Clay, F.G. **353**, 1052.
Clay, J.P.
Pearl River Log, Different Navy, Different World **811**, 58.
Take The Easiest Way Out (anec) **823**, 25.
Clay, Thomas C.: Just in Passing (anec) **624**, 191.
Claybourn, G.R., Jr.: The Odd Ones (Pict) (C&D) **820**, 91.
Clayton, E.P.
Famous Navy Diver Dies (C&D). R.A. Winters **806**, 102. (Nbk): **800**, 156.
Clayton, R.F. (Photog.): Cape Hallet Station on Mowbray Bay--October 1968 Cover.
Clayton-Bulwer Treaty **327**, 381.
Real status of Panama Canal as regards neutralization. H.S. Knapp **133**, 61.
Clearance Eligibility: What Clearance Eligibility Do You Have? Elton W. Grenfell **623**, 75.
Cleary, F.J.
American foreign trade and merchant marine **335**, 91.
Optical principles and design of telescopes for night use **153**, 1433.
Clegg, A.A., Jr. **701**, 104. **704**, 124. **705**, 116.
Clemenceau, Death of **323**, 80.
Clemenceau, Georges: Assassination attempted **194**, 685.
Clement, Pierre: New Jeanne d' Arc (ProfNote) **740**, 123.
Clements, A.B.
Forty years after **203**, 87.
Log chip for sea horizon in fog **189**, 2603.
Line of position by azimuth observations **212**, 1637.
A New Method of Reducing Chronometrical Longitudes **45**, 337.
New method of using altitude and azimuth tables to obtain ship's position **184**, 1269.
Use of altitude and azimuth tables **206**, 555.
Clements, Ken: Want of a Chevrolet (anec) **659**, 52.
Clements, T. **556**, 706.
Clemons, A.A. (Photog.): F-4 Phantom II carrier-based fighters--May 1970 Cover.
"Cleopatra's Needle," How It Was Brought to America. J.J. London **486**, 1103.
Clerk's Naval Tactics. C.L. Lewis **352**, 853. **357**, 1651.
Clermont, Fulton's: See: Cover Pictures--August, 1957.
Clermont (U.S.): Clermont and the Beginnings of Steam. J.L. Degnan, Jr. **654**, 862.
Cleveland, C.: Father of American weather map **292**, 691.
Cleveland, Ohio: Coast Guard Station model **443**, 150.
Clifford, C.M.: Defense Budget and Defense Program for Fiscal Years 1970-74 (NavRev) **807**, 356.
Clifford, J.K.: Hydrofoil Home for the V/STOL Jet (ProfNote) **850**, 110. **856**, 90.
Clifford, L.J.: The Only Option? (Lowe) (C&D) **830**, 97.
Clift, A.D.
"...Long Live the Queen" **782**, 34.
North Sea Hydrographic Commission (ProfNote) **781**, 133.
...of Diplonauts and Ocean Politics **809**, 31.
Clift, T.A. (Co-author): See: A.E. Stevens.
Clinard, O.J.: World War I and Our Merchant Navy **510**, 919.
Cline, J.B.: Defense Management: Navy's Position **743**, 43.
Clingan, T.A., Jr.: Oil Pollution, No Solution? **795**, 63. **799**, 121.
Clipper [ship] in Caribbean Port: See: Cover Pictures--April, 1961.
Clipperton Island
See: Old Navy.
Forgotten Island. C.K. Perrill **412**, 799.
Clock
Adjustable rate. P.V.H. Weems **305**, 551.
Twenty-Four Hour. F.J. Nelson **505**, 320.
Clogston, C.H. **460**, 857.
Close, R.Z.: The NROTC Crisis (Muccia) (C&D) **814**, 87.
Close Call. Albert Gleaves **286**, 2470.
Clothing
Clothing vs Radiation (ProfNote). T.J. Seery **726**, 126.
Coast Guard Adopts SCUBA Suits for Boat Crews (ProfNote). A.D. Sanders **717**, 146.
Supplying Fleet for 150 Years. J.W. Crumpacker **508**, 705.
Clouds **290**, 489.
Cloward, R.S.
Against All Enemies (Hanks) (C&D) **812**, 85.
Campus Unrest (Caldwell) **805**, 91.
Post-Vietnam Navy: The Rhetoric and the Realities (Holloway) **838**, 87.
Clowes, Sir Wm. Laird
Member Institute Naval Architects, London. Consideration on the Battleship in Action **70**, 293.
The Naval Campaign of Lissa **98**, 311.
The Ram in Action and in Accident **69**, 85.
Torpedo-boats: their Organization and Conduct. Prize Essay for 1892: **62**, 181.
Clubb, O.E. **683**, 113.
Sino-Soviet Power in the West Pacific **676**, 65.
Suez and the Indian Ocean **654**, 829.
Cluett, S.L.: Offshore Position **393**, 1665.
Clutch: Floettinger hydraulic **261**, 1907.
Cluverius, W.T. **218**, 573. **236**, 1779. **345**, 1557. **352**, 901. **417**, 1631.
Annapolis, a fair show wanted **118**, 539.
Array against sovereignty **272**, 1916.
Concerning visibility of objects at night at sea **131**, 948.
Midshipman on the Maine **180**, 237.
On absence over leave **140**, 1410.
On inspection duty at navy yards **142**, 742.
On Navy yard manufacturing costs **148**, 1644.
On U.S. Naval Academy training **139**, 1033.
Perfect Fit (anec) **556**, 651.
Planting a war garden, illus. **193**, 333.
Scorpion passes **295**, 969.
Shipmate **394**, 1797.
Sothern **373**, 345.
To Youth in Uniform **429**, 1601.
Cyclops Mystery (OldNav). C.A. Nervig **797**, 148. **803**, 91, 92, 93.
Cyclops Mystery Still Causes Speculation (ProfNote) **247**, 1569.
Cyclops (U.S.)
Did the Cyclops Turn Turtle? M.S. Tisdale **203**, 55. **206**, 603.
Old Naval Auxiliary Service (C&D). Brockholst Livingston **311**, 50.
Coal
See also: Fuel.
Tests of Southern. H.S. Knapp **76**, 747.
The Valuation of. C.E. Munroe **13**, 221.
Coal Consumption of Ships of War. W.H. Riley **68**, 419.
"Coal Ship, All Hands" (OldNav). Francis Poole **791**, 141.
Coal tar as oil engine fuel **148**, 1443.
Coale, Griffith Bailey (artist): U.S. Navy Combat Art (Pict) **832**, 74.
Coaling
See also: Fueling.
Coaling Ship **94**, 405.

Great Britain: Coaling at Sea **100**, 194.
Great Britain: Battleship Coaling Records **97**, 194.
Remarks **97**, 194.
Coaling Vessels at Sea. S. Miller **93**, 208, 215.
Coaling Warships at Sea **82**, 365. **95**, 523.
Coastal Ocean and Great Lakes, Pollution of (NavRev). M.G. Gross **819**, 228.
Coast and Geodetic Survey
Beginning of Coast Survey. R. West **387**, 665.
Coast and Geodetic Survey Looks Ahead. E.G. Roberts **669**, 83.
Death of a Profession? H.D. Nygren **833**, 38.
Highlights. E.B. Roberts **648**, 188.
in Review (Pict) **648**, 200.
One Hundred Years of Tide Predictions (ProfNote). S.D. Hicks **779**, 131.
Operations of the Rude and the Heck (ProfNote). Raymond Wilcove **816**, 95.
Pictorial Section **559**, 1047.
Reminiscences of Chechako. G.T. Rude **446**, 551.
Ships Under Construction (Nbk) **732**, **148**.
Coast Defense
See also: Names of countries, subhead Defense.
Attack and defense of coasts. In Daveluy, R., Naval Strategy **132**, 1101.
Attacks on fortified harbors, maps. W.L. Rodgers **111**, 533. **112**, 709. **113**, 97.
Germany: Coast Defense System **98**, 414. J.T. Bucknill **93**, 220.
Letter on. E.M. Weaver **51**, 587.
Our, etc. C.R. Miles (Rev) **43**, 673.
Some Points brought out by the War with Spain. C.F. Goodrich **98**, 223.
United States
Appropriation for Fortification, 1901-02. **98**, 412.
Shields for Guns, Pneumatic Guns **100**, 800.
Torpedo-boat Defense **98**, 414.
Torpedo-boat Organization and Service, Atlantic Coast **100**, 714.
Coast Guard—United States
See: Old Navy. Hamilton's Revenue Fleet.
Activities for year **466**, 1815.
Airplanes for **349**, 443.
Ambulance Flights. H.C. Reisinger **395**, 57.
and Civil War. H.R. Kaplan **690**, 40.
Anniversary, 140th **331**, 880.
Anniversary, 150th **451**, 1372.
Appointment of cadets **292**, 742.
Are Coast Guard Small Boats Small Enough? (ProfNote). Paul Hureau **880**, 96. **886**, 89.
Armaments and gunnery. R.R. Waesche **315**, 381.
Armed and Ready. R.F. Bennett **832**, 35.
Atlantic Ice Patrol Expands Warning Services (Nbk) **727**, 137.
Aviation: Flying Lifeboat of the Coast Guard. H.C. Reisinger **359**, 81.
Beach Patrol and Great Tradition. J.W. McCain, Jr. **499**, 1123.
Beach Pounders. M.F. Willoughby **654**, 818.
Cleveland Station model **443**, 150.
Changing roles and missions: The Coast Guard's Personality: A Product of Changing Roles and Missions. Gary Russell **877**, 38. **883**, 77.
Coast Guard Academy
Eagle Spreads Her Wings (Pict) **620**, 1145.
In Defense of Trade Schools. R.A. Hall **533**, 801. **535**, 1105.
Pictorial. R.J. Pratte **820**, 60.
U.S. Coast Guard Academy. H.G. Hamlet **315**, 371.
U.S. Coast Guard Academy (ProfNote). G.H. Toole **335**, 109.
Coast Guard Adopts SCUBA Suits for Boat Crews (ProfNote). A.D. Sanders **717**, 146.
Coast Guard Commandant. H.G. Hamlet (SecNotes) **353**, 1093. **354**, 1241.
The Coast Guard and Fisheries Law Enforcement. E.R. Fidell **877**, 70.
Coast Guard Approaching the Century's End (NavRev). A.B. How **855**, 90. **859**, 99. **860**, 88, 89. (C&D): **865**, 78.
Coast Guard Auxiliary, U.S.: The Coast Guard Auxiliary: A Proud Tradition—a Worthy Mission. J.D. Prout **882**, 33.
Coast Guard Christens Cutter Vigilant (Nbk) **733**, 151.
CG Officer Gives Paper at Soviet Oceanographic Meeting (Nbk) **765**, 164.
Coast Guard Increases Its Role in Vietnam (Nbk) **775**, 154.
Coast Guard in Army. E.R. Spencer, Jr. **518**, 569.
Coast Guard in Northern Waters: Pictorial Section **563**, 77.
Coast Guard in the Central and Western Pacific (NavRev). J.W. Moreau **843**, 270.
Coast Guard in War. C. Pell **478**, 1744.
Coast Guard Is Training South Vietnamese Navy Men (Nbk) **806**, 130.
Coast Guard licensing examinations: Merchant Marine Licenses: Tickets Worth Having. W.B. Hayler **821**, 53.
Coast Guard Names Ships After Heroes (Nbk) **802**, 157.
Coast Guardsmen Invade Marseilles **659**, 97.
Coast Guard's Navy Icebreakers (ProfNote). G.R. Boling **779**, 134.
Colonel Sharp Delany: Father of the U.S. Coast Guard (OldNav). T.R. Strobridge and B.C. Nalty **877**, 112.
Contribution to development of Alaska. B.L. Reed **315**, 406.
Cuban Exodus. W.F. Cass **760**, 46. **773**, 108.
Cutters **326**, 338. **351**, 762. **352**, 920. **353**, 1093. **354**, 1241.
Early History of the U.S. Revenue Marine Service, Publication of (SecNotes) **354**, 1243.
Fiberglass Ship Feature (Nbk) **730**, 155.
Future of the Coast Guard. A.A. Heckman **782**, 60. **785**, 105. **787**, 114, 115. **793**, 109. **797**, 113.
History: Renaissance of the U.S. Coast Guard. J.A. Reed **750**, 26.
Icebreakers. R.H. Macy **447**, 669.
Ice Patrol **409**, 452.
Coast Guard Begins 1967 Iceberg Patrol (Nbk) **772**, 147.
Ice Patrol Base at Argentia Being Closed Down (Nbk) **764**, 162.
Ice Patrol Ends Uneventful Year (Nbk) **750**, 154.
New Device for Iceberg Hunt (Nbk) **759**, 166.
Italian opinion of **358**, 1830.
It's the Alaska Patrol Now (Nbk) **741**, 148.
Largest Maritime Police Beat in the World (ProfNote). E.F. Oliver **806**, 120.
Laws re submersibles: Master Mariner to Master Submariner? E.F. Oliver **770**, 40. **774**, 106. **776**, 103, 104.
Lighthouse Service, Consolidation of, with Coast Guard. R.H. Macy **443**, 58.
"...Long Has it Waved on High." B.W. Norris and T.R. Strobridge **859**, 40. (C&D) **866**, 83.
Merchant Marine
Inspection: Major Function of Coast Guard. H.F. Crouch **545**, 823.
U.S. Coast Guard Activities with, in World War II. P.J. Halla **528**, 179.
Missions: Tradition of Excellence, Time of Change. O.W. Siler **877**, 34.
Naval Asset, Coast Guard as. F.C. Herold **461**, 969.
Navy and **315**, 474.
Old Navy and Coast Guard. L.L. Bennett **316**, 569.
$165 Million for Coast Guard Passed by Senate (Nbk) **776**, 141.
Personnel strength **348**, 289.
Port Protection—Prelude to Invasion. M.J. Coles **506**, 427.
Portrait of Proficiency: USCGC Dallas (WHEC-716) (ProfNote). S.A. Sup **792**, 137. **797**, 112.
Port security **478**, 1812.
Reserve, The. S.M. Aug and T.R. Philpott **877**, 84.
Reserves May Be Cut Down (Nbk) **810**, 131.
Restored to Treasury Department **201**, 1917.
Role of Coast Guard Within Navy. R.T. Merrill **522**, 1075.
Safety regulations: Dangerous and Exotic Cargoes (NavRev). H.D. Williams **843**, 224.
Search and Rescue
—And You! G.R. Evans **682**, 35.
Coast Guard Saved 15,000 in 1965 (Nbk) **757**, 157.
Search and Rescue: A New Dimension (ProfNote). T.C. Lutton **804**, 114.
Semper Paratus—and Fourth Estate. G.F. MacMullen **414**, 1115.
Sesquicentennial of Coast Guard Ensign. K. Bell **563**, 55.
1789 Origin of U.S. Coast Guard? **698**, 109.
Ship designation: New Designators Scheduled for Buoy Tenders, Lightships (Nbk) **741**, 148.
Skimmer Ops. J.F. Ebersole **857**, 40. **862**, 88.
Soong, C.J., and U.S. Coast Guard. A. Tourtellot **552**, 201.
Starting a ship's library. B.L. Reed **253**, 436.
Story of Coast Guard Aviation. R.H. Rankin and N.N. Rubin **676**, 87.
Stresses Science (Nbk) **794**, 158.
Toast to the "Rum Fleet". H.R. Kaplan **783**, 84.
Training Cruise, Summer, 1949: Pictorial Section **566**, 431.
Two Houseboats to Join Coast Guard Fleet (Nbk) **726**, 149.
Typical vessels and boats. R.B. Adams and F.A. Hunnewell **315**, 401.
USCG, Always Ready (Pict) **716**, 91.
USCGC Hamilton (WHEC-715), Coast Guard Ship of the Future (Pict). E.F. Oliver **800**, 86.
U.S. Coast Guard and Control of Oceanic Pollution (NavRev). H.D. Williams **879**, 146. **883**, 78. (C&D) **887**, 82, 83.
U.S. Coast Guard in War and Peace. S.H. Evans **550**, 1545.
U.S. Coast Guard in World War II (Pict) **655**, 990.
U.S. Coast Guard: Where Do We Go From Here? L.A. White **803**, 48. **808**, 106.
Vessel inspection: A Case of Calculated Mischief. R.F. Bennett **877**, 76.
Wacco, America! L.R. Curtis **514**, 1449.
War Cuts Budget for Coast Guard (Nbk) **772**, 144.
Coast Guard—United States—Ships

Coast Guard--United States--Ships (Cont.)
Buoy Tender Commissioned (Nbk) **744**, 158.
Cutter Almost Ready for Coast Guard (Nbk) **765**, 162.
New Medium Endurance Cutters (Pict). W.F. Tighe, Jr. **750**, 92.
New 378-Foot Cutter Hamilton for Coast Guard (Nbk) **772**, 146.
Research Vessel for Coast Guard Planned (Nbk) **773**, 151.
Six More Coast Guard Cutters to Vietnam (Nbk) **755**, 154.
Coast in Warfare, the. J.H. Sears **99**, 449. **100**, 649.
Coast Signal System, The. F.B. Anderson **92**, 727.
Coast Signals, Navy. R. Wainwright **48**, 61.
Coast Telegraphic Communication. Charles Bright **89**, 238.
Coastwatchers, R.A.N.: See: E.A. Feldt.
Coates, C.R.
Aerological Science for All **500**, 1249.
Aircraft Reconnaissance in Tropical Storms **547**, 1127.
Automatic Weather Station **535**, 1097.
400 Years of Hurricanes **555**, 537.
Coates, W.S., Jr.: (C&D): Pictorial--Ship Camouflage (WWI) (Sumrall) **826**, 92.
Cobb, Peter: Submarines in the Ice (ProfNote) **744**, 148.
Cobb, W.T.
Feminine Logic (anec) **801**, 55.
Name, Rank, and Serial Number (anec) **800**, 33.
Cobham, A.J. **280**, 1221. **286**, 2609.
Coburn, F.G.
Modern management applied to navy yards. Illus. **171**, 955.
On navy yard manufacturing costs **148**, 1642.
Cocchia, Aldo: Italian Submarines and Their Bordeaux Base **664**, 37.
Cochin China: The First Time (OldNav). J.B. Hilliard and R.A. Long **792**, 147.
Cochran, C.L.
Book Review **779**, 116.
Keeping the Seas Clean: An International Concern (ProfNote) **864**, 97.
Student Activism: Civilian and Military Institutions (ProfNote) **812**, 97.
Territorial Waters, Fishing Rights, and International Law (ProfNote) **774**, 132.
U.S. Treaty Rights in the Caribbean (ProfNote) **785**, 128.
Walls Beneath the Sea (C&D) **788**, 105.
Cochran, C.S.: The Bear **315**, 411.
Cochran, J.B. **642**, 882.
Hydro at 125: **634**, 1361.
Cochran, L.H.: Misinterpretation (anec) **574**, 1363.
Cochran, S.H.: And How Are You? (anec) **673**, 147.
Cochrane, A.F.I. **412**, 839.
Cochrane, Admiral Lord Thomas: Admiral Lord Cochrane, A Hero for Today's Professionals. F.C. Lynch **864**, 63. **869**, 79.
Cochrane, E.L. **444**, 308.
Cochrane, T. **343**, 1196.
Cockburn, George **412**, 839.
See also: Hampton Roads, Low Tide at.
Cockchafer (HMS) **259**, 1523.
Cockell, W.A., Jr.
DLG Modernization Program (ProfNote) **827**, 101.
Damage Limitation: A New Strategic Panacea? (C&D) **752**, 110.
New Approaches to Officer Training in the USSR (ProfNote) **689**, 138.
OOD Training in the Soviet Navy (ProfNote) **671**, 134.
Cockpit to Conn. R.F. Hunt **818**, 48.
Cockrill, J.T.
Management in Acquisition **776**, 39.
Measuring Readiness (ProfNote) **724**, 143.
Operational Readiness and Military Requirements **737**, 52.
Validity of War Game Analysis **755**, 44.
Cockroft, A.N.: New Rules of the Road (Church) (C&D) **860**, 84.
Cocos Island: The Emden at Cocos Island **157**, 1023.
Coday, A.
Career Planning (ProfNote) **746**, 133.
Criticism, Tool or Tyrant? (ProfNote) **793**, 135. **798**, 109.
Codding, G.A., Jr., and A.Z. Rubinstein: How Wide the Territorial Sea? I. Background and Vote--1960 Conference **696**, 74.
Code Messages, Two. F.L. Oliver **419**, 16.
Codes and Ciphers **363**, 692. **367**, 1296.
MEC Goes to Sea (ProfNote). J.S. Eilberg **729**, 124.
Coding system and ship classification: Ship Classification--Time for Overhaul (ProfNote). W.D. O'Neil, III: **830**, 115. **835**, 93. **837**, 93.
Codman, John: Ocean Lanes **22**, 675.
Codrington, Admiral Sir Edward: Admiral Codrington **678**, 106.
Codrington (HMS) **319**, 807. **320**, 899. **330**, 753. **335**, 128. **337**, 397.
Coffey, J.I.
Human Factor in Deterrence **742**, 44.
Stability and the Strategic Balance **772**, 40.
Strategies and Realities **756**, 34.
Coffey, R.B. **435**, 731. **437**, 1043.
History of Haitian intervention **234**, 1325.
Coffin, C.E., Jr.: Effects of Aerial Bombardment in China **427**, 1317.
Coffin, G.E. **709**, 108.
Coffin, Sir Isaac
American admirals in the British navy. C.G. Calkins **131**, 685.
Two early proposals for naval education. W.O. Stevens **145**, 127.
Coffin air transport co. **269**, 1286.
Coffman, R.E.
Gunboats in the Desert (Parnell) (C&D) **798**, 110.
Naval Gunfire--Today and Tomorrow (C&D) **766**, 133.
Coffman, Rodney: Indonesia's Archipelago Doctrine and Japan's Jugular (Miller) (C&D) **847**, 94.
Cogan, J.M. **654**, 895.
Maneuvering Board and Great Circle Sailing (ProfNote) **647**, 107.
Coggins, Jack: Wind-class Icebreaker: See: March 1960 Cover.
Cogswell, W.P. **421**, 406.
Cohane, Tim (joint author): See: Book Reviews: Blaik, E.H.
Cohen, J.M.: Deep Questions **791**, 26.
Cohen, P.M.
Bathymetric Navigation **740**, 66.
Book Review--Bathymetric Navigation and Charting (Drummond) (C&D) **818**, 91.
Cohen, Paul: New Roles for the Submarine **835**, 31. **845**, 99.
Cohen, S.M.: Duty-Honor-Country (C&D) **892**, 96.
Cohen, W.A.: Star Altitude Curves (ProfNote) **742**, 142.
COIN airplane: See: A.O. Morton.
Coker, G.T.: P.W. **860**, 41.
Coker, R.M.: Trawler! (Stephan) (C&D) **791**, 101.
Colaizzi, R.A., Jr.: Signalman Rested, Chair Tested, Captain Bested (anec) **705**, 59.
Colbert, R.G.
and R.N. Ginsburgh: Policy Planning Council **758**, 73.
War College Education and the Future (ProfNote) **849**, 107.
Colbert (Fr.) **305**, 602. **328**, 546. **336**, 256. **337**, 399, 401. **350**, 615. **352**, 924.
Colburn, J.G.: "Don't Give Up the Ship!" (C&D) **755**, 118.
Colbus, Louis: The Jewish Lay Leader and I (OldNav) **878**, 66.
Colby, E.
Aerial annihilation **318**, 686.
American interests in West Indies **338**, 468.
American Traders Abroad **390**, 1094.
Deciding Shanghai War **360**, 175.
Hankow incident **341**, 927.
Law and war **277**, 484.
Law in future war **298**, 1298.
Legal existence of war **288**, 153.
Cold War
Address by P.H. Nitze, 16 March 1964 at Joint Session of NWC and ICAF **737**, 160.
Advisory Warfare vs. Sanctuary Warfare. E.F. Black **744**, 34. **747**, 114.
Balanced Sea Power and. C.D. Rhymes, Jr. **691**, 76.
Cold War and Cultural Exchange. W.H. Standley and A.A. Ageton **718**, 79.
Cold War Power Spectrum. J.A. Winnefeld **683**, 71.
Coming Cold War on the Sea Lanes. Desmond Wettern **714**, 64.
Contrasting Strategic Styles in the Cold War. C.O. Lerche **711**, 23. **717**, 119.
Dedication...to What? (ProfNote) **708**, 141.
East of Suez. James Stewart **757**, 40.
Nature of the War We Are In. A.T. Bouscaren **704**, 25. **708**, 114, 115, 116, 117.
The Near West. H.W. Bergbauer, Jr. **808**, 47.
The New Geopolitics. Craig Hosmer **846**, 18.
Sea Power and Sea Law. J.D. Hayes **735**, 60. **738**, 116.
Soviet Seapower, Ripple or Tidal Wave. J.F. McNulty **809**, 18.
Sweden: Neutralism or Neutrality? C.O. Lerche, Jr. **695**, 68.
Cole, B.D.
Book Review **845**, 103. **861**, 105.
Command Accountability (NAMB) **886**, 92.
Japanese Militarism (Auer) (C&D) **851**, 80.
Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 76.
United States Navy for the Future (Smith) (C&D) **820**, 85.
Cole, E.K.: Joint overseas operations **321**, 927.
Cole, W.C.
Neutrality--Can it be maintained by a world power? **349**, 335.
On "Tamanend vs. Tecumseh." **154**, 1787.
Cole, W.M.: Higher Education (anec) **556**, 633.
Cole (USS) **208**, 958.
Coleman, A.D.: Vive la Différence (anec) **768**, 71.
Coleman, S.B. (co-author): See: Paul Stevens.
Coleridge, Samuel Taylor: Decatur and Coleridge. C.G. Calkins **127**, 917.
Coles, John W.: Hospital Service of Army in Egypt **22**, 619.
Coles, M.J.: Port Protection--Prelude to Invasion **506**, 427.
Colestock, E.E.: Second Time Around (anec) **635**, 23.
Coletta, P.E. **572**, 1146. **683**, 112. **689**, 100.
Bainbridge, U.S. Naval Training Center (Pict) **652**, 642.
Book Reviews **746**, 121. **838**, 97. **854**, 107. **863**, 92. **865**, 89.
The Destroyer Tender (Pict) **663**, 91.

Interview with John T. Mason, Jr., Director of Oral History (Mason) (C&D) **852**, 94.
Naval Mine Warfare (Pict) **681**, 82.
Oceanography: Maury to Mohole (Pict) **686**, 98.
President Roosevelt Surveys the Caribbean (anec) **683**, 77.
Collective action theory **791**, 40.
Collective Security and the Defense of Shipping. B.B. Schofield **793**, 36. **798**, 115.
Collective Security, Military Sanctions, and Sea Power. C.L. Henn, Jr. **612**, 125.
College: Technical school, and Naval Academy. H.E. Rossell **324**, 123. **325**, 225. **327**, 435. **330**, 748.
College military training: Citizens in the Officers Corps...ROTC's Past and Present (ProfNote) **845**, 107.
Collett, J.A. **476**, 1505.
Aircraft Carrier--Backbone of Aero-Sea Warfare **478**, 1742.
Flying Deck Cruiser **381**, 1545.
Naval Aerial Menace Number One **474**, 1139.
Collier, J.R.: Professionals: 1920-1940: **848**, 77. **852**, 89.
Collier, T.C.: The 8-inch Gun (Progress) (C&D) **873**, 76.
Colliers
and coaling stations, map. A.P. Niblack **111**, 567.
British colliers, 1913: **147**, 1342.
Cyclops Mystery (OldNav). C.A. Nervig **797**, 148. **803**, 91, 92, 93.
Description of three 1908 colliers built by Maryland Steel Co. **128**, 1337.
First U.S. colliers, 1904: **112**, 878.
J.T. Henrizi **771**, 162. **774**, 102.
Old Naval Auxiliary Service. W.S. Whitted **305**, 592. **311**, 50.
Collingwood, C.: Frustrated Fighter, R.W. Daly **428**, 1408.
Collingwood, Cuthbert: Character of Collingwood. Oliver Warner **796**, 63.
Collins, D.B.: Let's Abolish Ensigns (MacKenzie) (C&D) **861**, 96.
Collins, D.E.
Royal Road across Pacific **446**, 501.
Tragedy Off Hatteras **686**, 37.
Collins, E.B. **294**, 873. **491**, 63.
Finding Position with 214: **436**, 855. **439**, 1333.
German Air Almanac **465**, 1594, 1615. **468**, 249.
Locating Surface Ships with Bubble Octant **450**, 1138.
New Formula for Azimuth **377**, 973.
Polar Navigation with H.O. Publication 214: **454**, 1713.
Position plotting by radio bearings **216**, 201.
Star finder and spotter **352**, 887.
Star Finding with Nautical Almanac Chart **407**, 79.
Collins, E.K. **328**, 553.
Collins, F.: Valley of Atrato and Canal **297**, 1196.
Collins, F.C.
ASW--The Crucial Naval Challenge (Smith) (C&D) **834**, 87.
Sounds Fishy to Me (anec) **863**, 31.
United States Navy for the Future (Smith)(C&D) **820**, 81.
Collins, F.C., Jr.
Half a Career (C&D) **759**, 125.
The Loss of Leadership **866**, 31. **871**, 77.
Maritime Support of the Campaign in I Corps (NavRev) **819**, 156.
The Silent Vote (Dengler)(C&D) **821**, 94.
An Unusual Unrep (C&D) **786**, 104.
Collins, F.I., Jr. (co-author): See: D.A. Paolucci.
Collins, Fred
The Interoceanic Canal **2**, 21.
The Isthmus of Darien: Interoceanic Canal **1**, 123.
Naval Affairs **8**, 159.
Collins, J.A.: Forty-Eight-Star Admiral (anec) **599**, 37.
Collins, J.J.
American Merchant Marine and World War III: **638**, 406.
Labor Relations and Navy **483**, 703.
Merchant Marine and National Defense **508**, 645.
Collins, M.: Assassination **236**, 1835.
Collins, P.: Toast to King (anec) **561**, 1241.
Collins, R.F.: Problems of Reserve Battalion Commander **434**, 539.
Collins, S.A.: Last-Minute Invasion Orders (anec) **830**, 67.
Collins, V.L.
Last Battle Cruiser (C&D) **765**, 134.
The Sultan's Submarines **860**, 66.
Collis, Leon: On the Air (anec) **668**, 61.
Collision Avoidance Test Slated by Navy (Nbk) **804**, 128.
Collision courses by Radiocompass. H.K. Fenn **333**, 1019.
Collision mats: Fothering. T.W. Sheridan **448**, 824.
Collision or Grounding Mat. G.K. Hall **42**, 481.
Collision Prevention
Dot-dot-dash. Running into Danger (ProfNote). R.W. Cannan and M.A. Libbey, III: **892**, 109. **893**, 85.
When Am I Committed to Collision? J.M. Myers **838**, 41. **844**, 96. **846**, 88, 89.
Collisions and Groundings
See also: Names of vessels.
Ammen-Frasch collision **173**, 1509.
Amphitrite-Manchuria collision **173**, 1507.
The Avoidance of Collisions. W.B. Hoff **33**, 225.
British B-2 and the Amerika **144**, 1652.
British C-14 and dredger **149**, 216.
British and German submarines collide while submerged **173**, 1599.
British destroyer accidents, 1907: **123**, 1302.
British warship casualties, 1906-1907: **122**, 864. **124**, 1522.
Canadian cruiser Niobe strikes rocks off Cape Sable **142**, 765.
Collision between HMS Hawke and RMS Olympic. W.C. Nixon **140**, 1377.
Collisions at Sea
C.M. McCarteney, tr. **23**, 131. **49**, 233.
S. Makaroff **77**, 211. **78**, 491.
Discussion of British report covering warship accidents, 1901-08: **128**, 1332.
Effects of wake-stream and suction **173**, 1574.
French submarine Vendemiaire collides with battleship St. Louis **143**, 1114.
German Friedrich Karl collides with t.b. G-113: **143**, 1121.
German t.b. G-171 and battleship Zahringen **144**, 1637.
German t.b. S-178 and Yorck **146**, 847.
German torpedo-boats 108 and 193 in collision, 1914: **151**, 836.
Great marine disasters since 1850: **152**, 1239.
Hawke-Olympic collision **142**, 807.
D.W. Taylor: transcript of official Judgment **141**, 283.
Herman Frasch-George C. Henry collision **189**, 2688.
HMS Argyll runs ashore and is wrecked **160**, 2133.
HMS Berwick, collision... **149**, 63.
HMS Centurion and SS Derna **145**, 378.
Centurion's navigating officed sued for damages **153**, 1509.
HMS Eden collides with unnamed vessel. **164**, 1361.
HMS Empress of India collides with sailing vessel **142**, 765.
HMS Racoon strikes rock and founders **180**, 448.
Hydraulic interaction between passing vessels, called "suction." **140**, 1347.
Italian San Giorgio aground **142**, 767.
Japanese cruiser Asama ashore on reef **156**, 538. **165**, 1634.
Japanese cruiser Naniwa goes ashore on the Kuriles **143**, 1144.
Lake City-James McGee collision **189**, 2670.
Lloyd's wreck statistics, 1907: **128**, 1349.
Losses from collisions during the European war **192**, 266.
Loss of Titanic **142**, 808.
Oleg, Russian cruiser, goes aground **128**, 1336.
O'Neil apparatus to prevent collisions **163**, 957.
Otranto-Kashmir collision **189**, 2671.
SS Empress of Ireland: story of the collision **153**, 1429.
SS Oceanic goes ashore and is destroyed **154**, 1874.
SS Port Philip collides with U.S. collier **189**, 2674.
Safety at sea...charts for the prevention of collisions. Armistead Rust **153**, 1417.
Schurz-Florida collision **186**, 1931.
Stranding of the Italian cruiser San Giorgio, illus. map **149**, 229
Suction from streamline a cause of collisions? **132**, 1313.
Summary of British warship collisions, 1902: **110**, 446.
Swedish cruiser Clas Uggla goes aground and is wrecked **176**, 2308.
Two unnamed British destroyers sunk in collisions, Dec. 1916: **168**, 409.
USS Burrows collision during maneuvers, **149**, 63.
USS Memphis goes ashore in storm **165**, 1662.
USS Milwaukee goes aground near Humboldt Bay **168**, 398.
USS Olympia goes aground off Block Island **174**, 1865.
USS Oneida and steamer Bombay **140**, 1144. **152**, 1109.
USS Shaw collides with SS Aquitania **189**, 2671. **190**, 2863.
War Knight-Jennings collision **183**, 1144.
Wreck of the USS Memphis. T. Withers **185**, 1459.
Colloidal fuel **197**, 1262.
Colmery, B.H., Jr.: Civil Defense An Operational Evaluation **727**, 66. **734**, 114.
Colombia
A.T. Beauregard **461**, 961.
The Choco Project (ProfNote). A.H.S. Candlin **773**, 135. **777**, 106.
Colombia's Riverine Welfare (ProfNote). J.P. Ramirez **834**, 107.
Colombia (SS) **351**, 777. **355**, 1380. **356**, 1350.
Colon: Abstract of the Log of the Cristobal Colon **87**, 493.
Colon Naval Radio Station: See: Crenshaw, R.S. **164**, 1209.
Coloney, H.P. **705**, 113.
Dreadnought (C&D) **755**, 121.
Colonial Government
Guam. G.J. Rowcliff **509**, 781.
Japanese Mandated Islands, Former, Administration of. T.O. Clark **518**, 511.
Navy and Colonial Government. E.S. Pomeroy **505**, 291.
Trust Territory of Pacific Islands. C.H. Wright **549**, 1333.
Colonialism, Blessings of: See: Africa.
Colonization: Navy Founds a Nation (OldNav). M.L. Duke **811**, 68.
Colorado (USS) **248**, 1726. **254**, 627, 632.
USS Colorado: the "Other" Battleship. G.F. Shrader **886**, 46. **889**, 84.
1st: Trials **112**, 877.
2nd: Illus. **179**, 111.
Color-Blindness **231**, 844. **296**, 1150.
Inherited from mother only **154**, 1832.
Lecture on. B.J. Jeffries **11**, 37.
Color of warships **283**, 1807.

Color-weakness and Color-blindness **90**, 441.
Colors of early naval ships **421**, 349.
Colossus (HMS)
Launched; description **134**, 607.
Trials **138**, 633.
Colson, F.V.
Constitution--October 1960 Cover.
Perry--September 1960 Cover.
Tringa--September 1959 Cover.
Colson, Janet (co-author): See: L.A. Humphreys.
Colt Cartridge Pack, The New **50**, 520.
Colthurst, W.R.: Worlds Apart (Edelstein) (C&D) **847**, 82.
Colton, J.F.: Last Grain Race **567**, 507.
Colton, Walter
Alcalde of Monterey. R.J. Plumb **791**, 72.
First U.S. Governor of California (OldNav) **696**, 160.
Columbia, C.F.: Inspection for Protection **506**, 397.
Columbia (airplane) **334**, 1065. **335**, 139.
Columbia (SS) **231**, 823.
USS Columbia
See: "Hot Foot"--the Story of a Ship.
Columbus and Columbia (US). A. Farenholt **501**, 1387.
Cruiser to Orient, 1838-1840: **136**, 1073.
Historic Ships of Navy. R.W. Neeser **366**, 1165.
Voyage to Japan, 1846: **137**, 239.
SS Columbian
The Columbian case **168**, 421.
Sunk by submarine **166**, 2081.
Columbia's Sons at Sea (Song) **119**, 961.
Columbia University **236**, 1795. **341**, 977.
Columbus, C.
Admiral Columbus. L.J. Gulliver **263**, 96.
Maps of voyages **421**, 340, 342.
Navigation of Columbus. J. Menander **278**, 665.
Panama, Columbus in. R.Z. Kirkpatrick **421**, 339.
Santa Maria (model) **421**, 343.
Santo Domingo: Tomb, monument **368**, 1525.
Columbus, Debarkation of: See: Cover Pictures--October 1952.
Columbus, Eve of Discovery: See: Cover Pictures--November 1951.
Columbus (Ger SS) **445**, 462.
Columbus Landed on Caicos. P. Verhoog **620**, 1101. **627**, 585, 586.
Columbus (SS) **334**, 1140.
Columbus (U.S.) **428**, 1428.
Columbus and Columbia (U.S.). A. Farenholt **501**, 1387.
The Cruise of, in the Bahamas. J.B. Murdock **30**, 449.
Good-bye, Columbus (ProfNote). Nils Rueckert **870**, 105.
Illustrations **115**, 556, 558.
Landing Place, An Attempt to Solve. Book Notice **21**, 505.
Colvin, F. **301**, 218.
Colvin, F.N. **647**, 95.
Colvin, R.D.
Aftermath of the Elath **800**, 60. **805**, 87.
National Security: Can We Sell the Program? **868**, 18.
Colvin, T.E.: Coming Seamanship Crisis? (Cahill) (C&D) **858**, 81.
Colvocoresses, G.P.: Admiral Porter **125**, 309.
Colvocoresses, H.: Capture and Destruction of Barrier Forts **423**, 680.
Colwell, D.G. **673**, 99.
Navy and Greely: Rescue of 1881-84 Arctic Expedition **659**, 71.
Combatant vessels: Soviet Major Combatants (Pict). A.D. Baker, III: **856**, 71.
Combat Art
See: Cover pictures--January 1965.
In Navy. E.J. Long **517**, 395.
U.S. Navy (Pict) **832**, 74.
Combat casualty care: The Next War: A Prescription. Ben Eiseman **863**, 32.
Combat methods of Japanese. C.E. Kilbourne **272**, 2015.
Combat Operations, March 1944 to March 1945. E.J. King **507**, 599.
Combat Readiness
Combat Readiness Air Wing Training (Pict). Ed Holm **762**, 96.
Needed: A Better Yardstick for Battle Readiness (ProfNote). J.H. Chenard **841**, 118.
Ready-Amphibious-Marine. L.H. Wilson, Jr. **897**, 18.
Training. J.B. Kusewitt and W.A. Speer **805**, 45. **809**, 96. **813**, 83. **815**, 83. **817**, 89.
The Virginia's Combat System Department (ProfNote). G.N. Maddox **894**, 90.
Combat store ships (AFS): Combat Store Ships (NewNav). B.A. Lienhard **745**, 148.
Combat systems: The Combat Systems of Surface Warships (NavRev). W.E. Meyer **891**, 110.
Combined Maritime Operations. Asa Walker **93**, 143.
Combined Operations
Exercise Match Maker (ProfNote). D.V.M. Macleod **755**, 139. **763**, 114.
Two Nations "Go Dutch" in Naval Cooperation (C&D) **845**, 85.
"Combined Ops"--1655-1798. R. Hargreaves **573**, 1197.
Combustible Fossils. W.F. Worthington, tr. **42**, 494.
Comet (England) **344**, 1417. **346**, 1715. **352**, 923. **354**, 1221.
Fatal breech explosion **112**, 884.
Commager, Henry Steele **842**, 47.
Command
Application of principles of high command. H. Laning **238**, 2041.
Attaining Command at Sea--Soviet Style (ProfNote). W.H.J. Manthorpe **873**, 97.
Chain of Command (C&D) **846**, 100.
Clausewitz, Cuba, and Command. P.R. Schratz **738**, 24.
Command Accountability (NAMB) **886**, 92.
Command and Control, Changeless--Yet Changing. D.T. Poe **860**, 22. (C&D): **865**, 78.
Command at Sea
"Battle-mindedness." R.A. Bowling **836**, 41.
Surface Line Officer: Some Conn, Some Can't. D.R. Larson **833**, 42. **839**, 87, 89, 90.
--the Ultimate Specialty. W.J. Holland, Jr. **886**, 18.
Command Attention: Cure-all or Crutch? (C&D) **844**, 85.
Command/control devices: C^3 War at Sea (NavRev). Norman Friedman **891**, 124.
Command Decisions, Flagship View of. G.M. Slonim **662**, 80.
Command Leadership and the Black Serviceman. L.H. Bennett **818**, 42.
Command Personality. E.B. Potter **791**, 18. **796**, 98, 99.
Command Prerogative, Communications and. D.J. Marshall **851**, 28. **857**, 96. **858**, 83. (C&D) **871**, 80.
Computer's Role in Command Decision. R.M. Hanes and J.W. Gebhard **763**, 60. **770**, 106. **775**, 110.
Deep Draft and Major Command Selection. M.W. Cagle **777**, 48. (C&D) **780**, 104.
Destroyer Command: Critical ASW Subsystem. R.L. Brandenburg **737**, 36. **741**, 109, 110, 111.
E.L. King **275**, 114.
Early Command--Who Wants It? (C&D) **776**, 99. **781**, 105, 106. **786**, 105.
Exercise of Broad. W.P. Mack **650**, 370.
Experience **289**, 386.
Give of Yourself, Captain. Howard Bucknell **736**, 66.
Image of Command. S.H. Edwards **804**, 36. **809**, 101, 102, 103. **811**, 98. **815**, 88. **816**, 84. **824**, 95.
Line task: Command. A. Tawresey **314**, 296. **319**, 799.
Major Command. G.S. Morrison **822**, 14. **833**, 102.
Mystique of Command Presence. R.E. Stivers **786**, 26. **790**, 110. **792**, 107. **793**, 108.
NFO and Squadron Command. P.T. Smith **806**, 40.
Naval Operations Support Group, Atlantic, Activated (Nbk) **733**, 148.
Part of engineering in. J.K. Robison **240**, 203. **242**, 661. **243**, 843.
Principles of command. L.H. Chandler **227**, 15. **228**, 233. **229**, 403.
U.S. Navy. J.W. Greenslade **352**, 805. **356**, 1486.
Weather and Command Decision. F.W. Nagle **731**, 44.
Commandant Riviere (French destroyer): Description; trials **148**, 1730.
Commandant Teste (Fr.) **337**, 401. **341**, 980. **352**, 925. **355**, 1381.
Commandeering: Form of commandeering in the U.S. Navy **175**, 2060.
Command forces: U.S. Strike Command (ProfNote). E.I. Greenwood **768**, 145.
Commandos and Their Methods. C.B. Judge **497**, 843.
Command relationships: Divided We Fell. Kemp Tolley **764**, 36.
Commands, Combined Surface Type (ProfNote). J.F. Kelly, Jr. **844**, 107.
Comment and Discussion: Evolution of Proceedings "Departments" **848**, 141.
Commentz, C.: Power and weight of diesels **258**, 1356.
Commerce
Statistics **209**, 1127. **246**, 1356. **269**, 1299. **273**, 2208. **280**, 1244. **286**, 2633. **299**, 74. **303**, 402. **309**, 1005. **317**, 647. **319**, 825. **321**, 1008. **330**, 771. **332**, 932. **342**, 1131. **343**, 1264. **345**, 1498. **357**, 1679.
Yankees in China Ports. Ralph Oman **836**, 70.
U.S. Merchant Marine--For Commerce and Defense (NavRev). J.D. Chase **879**, 130.
Commerce Destroying
In "Naval Strategy". R. Daveluy **133**, 126.
in war. L.A. Cotten **196**, 957. **199**, 1495.
unstricted **199**, 1517.
Commerce--Ocean-borne
Time to Secure the Seas. F.B. Case **846**, 24. **853**, 101. **858**, 96.
To Use the Sea. L.C. Kendall **838**, 58. (C&D) **845**, 89.
Commercial travellers: On English warships **202**, 2070.
Commissioned Vocation. Maynard Kniskern **689**, 49.
Commission on Marine Science, Engineering and Resources (COMSER) **803**, 50.
Commissions
English Ship's navy **206**, 621.
Haitian **324**, 163. **327**, 463.
Officer's first afloat **315**, 475.
Commodore
English naval reserve first award **226**, 1956.
L.H. Bolander **277**, 492.
Commodore Comes Back. C.J. Zinn **485**, 956.
Commodore for Captain? M.E. Murphy **432**, 199. **435**, 730.

Commodore's Namesake. G. van Deurs **628**, 678.
Commodore's Prayer **863**, 97. **866**, 78.
Common Ground, Quest for. E.F. Black **779**, 28.
Common sense in war: Spencer Wilkinson **180**, 299.
Commonwealth (HMS)
Description **106**, 455.
Gun trials **115**, 727.
Trials **111**, 642.
Communication
Participate! W.W. Hankins **762**, 89.
Personal: The "Modern" Navy (C&D) **847**, 82.
Communications
Aircraft **358**, 1839.
Bridge-to-Bridge: VHF-UHF System in Chesapeake Bay (ProfNote). G.A. Lock **748**, 145.
Byrd Antarctic Expedition II: See: Byrd, R.E.
Chinese Lines of Communication and Their Effect on Strategy. F.H. Wells **381**, 1519.
Coast Guard Communications. E.M. Webster **315**, 433.
Code Messages, Two. F.L. Oliver **419**, 16.
Command Attention: Cure-all or Crutch? (C&D) **844**, 85.
Commercial Communication Systems and National Defense. G.W. Johnson **390**, 1113.
Communication organization. J.R. Johnson **335**, 81.
Communications afloat. M.S. Tisdale **227**, 35.
Communications Afloat: A Need for Modern Design (ProfNote). G.J. Borden **851**, 97.
Communications: A Lost Art? (C&D) **883**, 80.
Communications and Command Prerogative. D.J. Marshall **851**, 28. **857**, 96. **858**, 83. (C&D): **871**, 80.
Communications and Remote Control. R.G. Albion **642**, 832.
Communication Systems of World. S.C. Hooper **360**, 246.
Crisis in Communications. H.O. Webster **678**, 27. **683**, 109, 110.
Defense Communications Agency (ProfNote). F.W. Reese **737**, 134.
Discrepancies, Momentous. C.C. Wood **379**, 1225. **383**, 101.
Early Days of the Telephone at the U.S. Naval Academy (OldNav). Walter Aamold **869**, 70.
English navy **347**, 124.
Faulty communications. S. Ballou **312**, 89. **320**. 887.
Fleet Commanders: Afloat or Ashore? Ray Peet and M.E. Melich **880**, 25.
Flow of Strategic Intelligence. C.C. Wood **367**, 1296.
German naval communications. W.P. Beehler **290**, 440.
Impact of Rapid Communications on Employment of Naval Forces. B. Anderson **585**, 1157.
Interior: Damn That Talker. G.W. Dyson and J.C. Snidecor **523**, 1185. **527**, 77. **530**, 454.
International communications and Pacific situation. M.S. Davis **322**, 1039.
Interservice: Divided We Fell. Kemp Tolley **764**, 36. **767**, 96.
Italian Transatlantic Flight. E.W. Stone **378**, 1121.
Lay of the Last Signalman (Poem) **646**, 1259.
Means to an End. R. Hargreaves **616**, 621.
Message Gap. H.O. Webster **723**, 29. **729**, 97, 98, 99, 100.
Meteor Burst Communications (ProfNote). W.D. Hart **685**, 148.
Military Communications
B.S. Bullard **279**, 817, 923.
Electronics Board (C&D). W.F. Foster **764**, 132.
Naval Communicator--Specialist or Subspecialist? J.R. Wadleigh **751**, 72. **754**, 114. **757**, 120.
Needed--An Information System (ProfNote). J.H. Cook, III: **861**, 118.
Need for Greater Specialization in Naval Communications (ProfNote). J.R. Wadleigh **842**, 110.
Model Range for Better Ship-Borne Communications Systems (ProfNote). C.M. Hatcher **665**, 129.
National Communications System (ProfNote). W.F. Foster **746**, 139.
Naval Communications
and government reorganization. W.S. Hogg and A.P.H. Tawresey **281**, 1285.
R. McLean **284**, 2029.
Reserve. H.S. Scott **445**, 369.
Reserve Progresses. F.K. Tiffany **434**, 534.
System. G.J. Rowcliff **404**, 1460.
Naval Reserve: Editorial **399**, 762.
Navy and its communications. S.C. Hooper **320**, 847.
Navy Satellite Communications. B.I. Edelsen and J.J. Dougherty **713**, 67.
New Tools for Crisis Management. Hugh Ware **858**, 18. (C&D): **863**, 87.
Oral and Written
Military Viewpoint (C&D). J.W. Newcomb, Jr. **739**, 113.
Pass the Word--Well (ProfNote). W.C. Boggess **811**, 83.
Plea for Ciphers. F. Pratt **363**, 692.
Purpose of Visual Signal Drills Today? (ProfNote). D.C. Graham **677**, 121.
Radio
AUTOVON/AUTODIN (ProfNote). J.J. Rowan **766**, 153.
Navy Builds Big Radio in Australia (Nbk) **757**, 154.
Radio, Naval, in Africa. J.J. Hughes and W.E. Tanner **397**, 373.
Radio stations use new code for time signals **324**, 162.
Tropospheric Scatter: Communications Solution (ProfNote). W.C. King **741**, 133.
Ready for Sea (ProfNote). G.J. Tobin **682**, 132.
Reserve
Naval Communication. D. Brooks **421**, 350. **427**, 1342.
Volunteer Communication. H.F. Breckel **383**, 24.
Restless Mind. M.J. Travers **738**, 65. **741**, 107, 108.
Simple as Alfa-Bravo-Charlie. Lynn Montross **640**, 644. **647**, 94, 95.
Southern Cross Program Re-Evaluated (Nbk) **758**, 171.
Speeding up communications. M.S. Tisdale **223**, 1412.
Split-Level Bridge. W.P. Hughes, Jr. **711**, 69. **717**, 110, 114. **722**, 114.
T.T. Craven **308**, 849.
Telegraph--Wireless
In British Navy **98**, 414.
In the Spanish Navy **98**, 415.
In U.S. Navy **98**, 414.
Submarine Signaling. Mundy System **97**, 195.
Telegraph Apparatus on British Ships **99**, 626.
Telegraphy's First Asiatic Cruise. R.H. Gibbs **374**, 495.
Telephone service, Ship-to-Shore **324**, 161.
Television and the War: The Small Picture. K.C. Jacobsen **865**, 54. **868**, 82. **869**, 80.
This New FM. J.R. Howland **468**, 187.
Where Is Task Force Thirty-Four? Andrew Hamilton **692**, 76. **695**, 110.
White House Telephone and Crisis Management. R.T. Loomis **802**, 63.
Wider Horizons. L.F. Safford (Semaphore, telegraph, telephone, and radio history) **417**, 1537. **421**, 405, 406.
Wireless in Warfare, 1885-1914. R.P. Bigelow **576**, 117. **581**, 763. **583**, 989. **587**, 87.
Communications relay ship (AGMR): USS Annapolis (AGMR-1) (NewNav). J.J. Rowan **747**, 172.
Communications Satellite, "A Faint Flutter of Wings". J.J. Dougherty **784**, 35. **787**, 111.
Communications Station, North West Cape, Australia (Nbk) **779**, 145.
Communications Systems: C^3 War at Sea (NavRev). Norman Friedman **891**, 124.
Communications Systems--Warning
Sexy Sally Sounds Off (Nbk) **765**, 161.
Woman's Voice to Warn Submariners (Nbk) **765**, 161.
Communications Vehicle: Satellite for Aircraft Launched (Nbk) **770**, 156.
Communism
After Communism, What? P.R. Schratz **689**, 38. **700**, 95.
Age of Unease. Reginald Hargreaves **626**, 365.
Array against sovereignty. W.T. Cluverius **272**, 1916.
Balance Sheet. Reginald Hargreaves **663**, 66.
Blue Water Around Red China. W.H. Hessler **720**, 27. **724**, 121.
Communism and Naval Officer. B.M. Kassell **579**, 491.
Communism in Search of a Home. H.M. Kieffer **419**, 33.
Communist Challenge in Asia. A.V. Wilson **655**, 954.
Communist Congress meets **330**, 773.
Communist Terrorism in Malaya. R.L. Muros **704**, 51.
Congressional committee to investigate **331**, 876.
Containment of: Vital Interests and Volunteer Forces. L.P. Brooks **815**, 18. **824**, 91.
Contrasting Strategic Styles in the Cold War. C.O. Lerche **711**, 23. **717**, 119.
Czar's Communism. C.P. von Wrangell **578**, 393.
Danger from Below. M.E. Geneste **693**, 33.
Danger from the East. Mogens Lauesen **707**, 19. **712**, 113.
East European Alliance System. R.F. Staar **739**, 26.
East Germany--Profile of a Reluctant Satellite. Andrew Gyorgy **700**, 50.
The Fence and the Defense. M.E. Geneste **728**, 30.
Gage and Measure. A.A. Ageton **578**, 347.
Guerrilla War the Communists Lost. D.G. Kousoulas **723**, 66.
Ideological Responsibility. S.T. De La Mater, Jr. **712**, 59.
in Asia: Don't Envy the Enemy. A.J. Clapp **765**, 49. **768**, 113, 114.
The Italian Communists: Sixth Fleet Threat? N.H. Grosz, Jr. **896**, 24.
Military Pulse in Soviet Politics. P.R. Schratz **776**, 76. **780**, 108.
Morality and the Communist Menace. K.W. Simmons **707**, 78. **713**, 117. **714**, 112.
Nature of the War We Are In. A.T. Bouscaren **704**, 25. **708**, 114, 115, 116, 117.
Navy and "Fringe" War. H.B. Seim **582**,

Communism (Cont.)
Navy and "Fringe" War (Cont.) 835.
Patriotism Through Knowledge. Dwight M. Bradford Williams **629**, 789.
Permanent Crisis of Soviet Communism. E.F. Luckenbach, Jr. and Albert Grossman **635**, 33.
Revolutionary Warfare, The Soviet and Chinese Views. J.J. Baritz **775**, 84.
Russia and Red China--Mutual Nemeses. Adrian St. John **702**, 48.
R_x: Quarantine. A.J. Valentine **723**, 38.
Sea Power: Bulwark Against Chinese Communist Imperialism. Anthony Harrigan **688**, 68. **694**, 110.
Secret of Kremlin Warfare. M.M. Green and J.Z. Kornfeder **620**, 1131.
Sell America. D.V. James **603**, 523.
These Issues We Must Teach. W.C. Hogan **602**, 353. **605**, 788.
Today: The Soviet Empire; Tomorrow; The Solar System. J.O. Jackson **690**, 51.
What's Behind the Russian Mask? C.O. Lerche, Jr. **727**, 26. **733**, 109. **734**, 114. **741**, 113.
What We Must Know About Communism **677**, 105.
Who Is the Enemy? R.L. Enos **693**, 27.
Communist China
and the Arab-African Area. I.W. Zartman **691**, 23.
and the United States--The First Step. H.G. Summers, Jr. **830**, 54.
Growing Seapower? (C&D) **832**, 106.
Communist ideology: Navies in War and in Peace (Part 10). S.G. Gorshkov **860**, 56.
Communist intervention: Tanks of August 1968. William Kotsch **795**, 86. **800**, 103.
Communist Revolution in Warfare. J.D. Atkinson **601**, 285.
Community Planning and the Naval Air Station. E.F. van Lier Ribbink **627**, 541. **631**, 1047.
Comparative and combatant strength of navies **364**, 916. **380**, 1464. **409**, 417.
Compasses
Adjustment, Compass, by One Swing Method. H. Crocker **529**, 326.
Adjustment, Magnetic Compass, by Stars. H. Crocker **512**, 1215.
Advantages of the gyro compass. R.E. Byrd and H.E. Saunders **149**, 141.
Automatic steering compass, 1913: **150**, 571.
Benson recording **228**, 318.
Burt solar compass **419**, 106.
Can the graduation of the compass into points be dispensed with? H. Maurer. Tr. by L.N. Feipel **154**, 1659.
Change in deviation of the compass due to change in trim. Lloyd H. Chandler **128**, 1269.
Compass Cards of Small Weight. P.J. Kaiser **66**, 218.
Compass correction by azimuth method. J.B. Patton **152**, 1119.
Compass Correction in Iron Ships. E.W. Creak **22**, 685.
Compass corrections. Joseph Herrera **166**, 1941.
Compensation of the compass, and determination of the deviation without...azimuths. Aquino, R. de Tr. by L.H. Chandler **132**, 1223.
Considerations Relative to Certain Fundamental Requirements of the Marine Compass, with Special Reference to the Construction of the Navy Compass. B.F. Greene **1**, 72.
Continuous compass correction at sea. R.C. Smith **106**, 413.
Deflector **672**, 117.
Determination of compass error. G.T. Rude **282**, 1492, 1563.
Determination of Gyro Error at Sea (ProfNote). J.W. Frazier **762**, 146.
Deviations by Watch. J. Schimm **407**, 74. **409**, 451.
The Duchemin. A.D. Brown **8**, 294.
Earth inductor **244**, 1040. **259**, 1578. **293**, 826.
Gyro-compass
in merchant ships **200**, 1794.
in navigation **239**, 173.
in the navy **156**, 564.
Gyroscope as a compass, 1909: **129**, 323.
Gyroscopic compass approved by testing board **145**, 410.
Gyroscopic compasses **154**, 1822.
Luminous compass, 1910: **136**, 1195.
Magnetic coil airplane **230**, 676.
Magnetic compass affected by gyro-repeater. C.G. Moore **301**, 226.
Marvelite for compass dials **184**, 1335.
A nomogram for compass deviations. Guiseppi Pesci. Tr. by R. de Aquino **136**, 1043.
Notes on...the gyroscopic compass, particularly the Sperry gyroscopic compass, illus. L.M. Nulton **159**, 1579.
On "Can graduation of compass into points be dispensed with?" Seaton Schroeder **160**, 2007.
On "Can graduation of the compass into points be dispensed with? H.S. Babbitt **156**, 515.
On dispensing of graduation of compass into points. W.V. Pratt **155**, 173.
On "Principles of the Gyroscopic compass." R.S. Edwards **161**, 215.
Principles of the deviation of the compass and its correction **118**, 523.
Proposed change in compass card notation, 1902: **101**, 157.
Struck by Lightning. P.V.H. Weems **572**, 1073.
T = C-W. J.C. Van de Carr **225**, 1763.
Telescopic azimuth circle. F.L. Oliver **170**, 746.
Theory and operation of the gyroscope and the Sperry gyroscopic compass. R.E. Gillmor, illus. **142**, 519.
"True" Magnetic **536**, 1238.
Type V azimuth circle. H.C. Greenlee **185**, 1519.
Simplified methods of compass correction. R.A. Koch **142**, 617.
The Sperry gyroscope compass for naval vessels, illus. H.C. Dinger **139**, 845.
Sumner line and compass error deduced by inspection. G.W. Littlehales **108**, 953.
Yankee Device. J.V.D. Southworth **674**, 97. **680**, 101. **684**, 96.
Competitions
Competition vs. character. L.A. Cotten **137**, 131.
Engineering: Change proposed **349**, 425.
Natural Competition. B. Bruce **549**, 1367.
New competitions. T.J. Casey **334**, 1129.
P.A. Stevens **357**, 1631.
Radio competitions. J.R. Johnson **329**, 626.
Value of engineering competition. G.K. Weber **323**, 33.
Competitive bidding: Securing supplies by competitive bidding **169**, 588.
Complete recruiter. J.C. Van Cleve **357**, 1627.
Composition: How to write scientific articles. C.A. Smith **245**, 1123.
Composition of the Fleet (Discussion) **81**, 159.
Compressors: Manufacture of lubricants **274**, 2405.
Compton, R.H. (BkRev) **803**, 108.
Compton-Hall, P.R. **780**, 108.
Bring Back the Midgets **774**, 44.
Compulsory military service **201**, 1936. **204**, 284. **286**, 2568.
Compulsory military training: See: Universal military training.
Computations: Time, Angle, Distance: The Decimal System (ProfNote). Theodore Watkin **729**, 126.
Computers
Automated Control of Logistics--the Next Step. J.S. Prokop **773**, 45.
Computer Assisted Performance Evaluation: CAPE: A First for the Navy (ProfNote). T.W. Goad **828**, 119.
Computer-aided counseling system: One's Own Destiny. J.C. Fritz **785**, 38.
Computer's Role in Command Decision. R.M. Hanes and J.W. Gebhard **763**, 60 (C&D) **770**, 106. **775**, 110.
Computer to Aid Coast Guard Forecasts (Nbk) **775**, 154.
Conning the Computer. C.H. Mehmel **872**, 94. (C&D) **876**, 81. **882**, 75.
Data Processing in Personnel Management. D.J. Carrison **739**, 56.
Digital Computers in Weapons Control (ProfNote). R.E. May **731**, 126.
FADAP. Seymour Dombroff **762**, 70. **765**, 126. (C&D) **768**, 117.
Iron Brains and Iron Ships. C.P. Rozier **673**, 56.
Role of Computers in Combat Control. J.A. Chastain **703**, 59.
"The Wit to See". M. Eckhart, Jr. **738**, 34.
Comstock, G.C.: Astronomical observations **203**, 33.
Conard, C.
Haiti's customs and fiscal service **242**, 605.
Naval appropriations **194**, 537.
Naval Armament Limitation **371**, 9. **374**, 545.
Navy yard economy **129**, 1.
On storekeeping at the navy yards **122**, 827.
Shipping problem **280**, 1083.
Conatser, R.B.: The Female Naval Aviator: A Free Ride? (Shipman) (C&D) **884**, 91.
Concentration of Fire
See also: Naval tactics.
Concentration and distribution. In Bernotti, R., Naval Tactics **139**, 906.
Concentration of fire and the numerical strength of a division. Romeo Bernotti **150**, 403.
A few hints on naval tactics. W.S. Pye **125**, 1.
On "Hints on naval tactics." P.R. Alger **125**, 41.
Concrete
Action of salt on **182**, 858.
Use of ice in moulding **203**, 146.
Concrete Ships **211**, 1583. **212**, 1684. **213**, 1860. **216**, 271. **218**, 624. **224**, 1625. **246**, 1356.
See also: Ships, concrete.
America's Forgotten "Crockery" Fleet. J.C. McNairn **466**, 1740.
Condensation in Steam Cylinders **38**, 444.
Condensers
Condensers in the tropics **199**, 1645.
Cooling oil in auxiliary **201**, 1926.
Corrosion of condenser tubes **174**, 1806. **175**, 2073.
Corrosion of tubes **249**, 1917.
Failure of condenser head **158**, 1311.
Inverted **344**, 1419.
Latest development in condensing systems. J.P. Howell **140**, 1389.
Pitting and corrosion of condenser tubes **154**, 1824.
Purifying condenser water **187**, 2149.

Ramsay rotary **236**, 1810.
Scoop type **343**, 1267.
Small plant condensers. G.E. Caster **266**, 650.
Surface. J.M. Whitham **24**, 303.
Types of Circulating Pumps for Surface. C.H. Manning **17**, 335.
Wheeler compartment **201**, 1925.
Worthington tube washer **233**, 1228.
Condit, K.H. **583**, 989.
Condon, A.D.: Quiet Amazon **501**, 1373.
Condon, E.U.: Food and Theory of Probability **371**, 75, 97, 98.
Condon, Edward: Timid Helmsman (anec) **775**, 57.
HMS Condor: Loss of **102**, 346.
Condorcet (Fr. battleship)
Description **132**, 1271.
Launched **130**, 574.
Condottieri (RIN) **337**, 402.
Cone, H.I.: Training merchant marine personnel **338**, 542.
Conejero, Carlos **673**, 100.
Ideal Naval Officer **668**, 71.
Just Practicing (anec) **669**, 29.
Not Under Direct Orders (anec) **671**, 53.
Sword Play (anec) **810**, 59.
They Aren't People (anec) **667**, 89.
Conestoga (U.S.) **377**, 952.
Coney, C.E. **672**, 122.
Coney, R.C.: Winner (anec) **613**, 279.
Confederacy's Only Foreign War. C.C. Hanks **458**, 534.
Confederate Blockade Runners. P. Hendren **362**, 506.
Confederate commerce destroyers. C.C. Hanks **349**, 394. **354**, 1199.
Confederate Navy: Again the Alabama (OldNav). S.W. Handford **736**, 172.
Confederate Raider Shenandoah at Melbourne. Celia Woodworth **844**, 66.
Confederates on Lake Erie (OldNav). A.M. Woolson **842**, 69.
Confederate States Marines, Lost Corps. J.E. McGlone, III: **837**, 68.
Confederate States Naval Academy
A realistic war college. J.M. Morgan **162**, 543.
Treasure Hunt in Reverse. W. Folk **409**, 380. **414**, 1167. **447**, 717.
W.P. Folk **379**, 1235. **447**, 717.
Confederate States submarine, log of. W.E. Beard **165**, 1545.
Conferences
The Foot of a Duck. D.L. Martin and A.D. Nastri **890**, 24.
IMCO, 4 October-20 October 1972: **853**, 44.
International Lifeboat Conference: 5-9 June 1967 (ProfNote). R.C. Gould **788**, 141.
Keeping the Seas Clean: An International Concern (ProfNote). C.L. Cochran **864**, 97.
Tactical Implications of the Washington Naval Conference (ProfNote). S.M. Silver and T.H. Etzold **847**, 109. **853**, 92.
Time Has Come, the Porpoise Said. A.T. Church, Jr. **839**, 34. **846**, 99.
Who Owns the Oceans? R.C. Knott **841**, 65.
Confrontation: Kuwait Confrontation of 1961. C.W. Koburger, Jr. **851**, 42.
Conger, F.F. **342**, 1135.
Congress (USS) **232**, 871.
See also: Farenholt, A. **128**, 1279.
Alcalde of Monterey. R.J. Plumb **791**, 72.
Cruise to the Orient, 1800: **134**, 437. 1819-21: **134**, 446.
Fire Bill **557**, 826.
Gala Evening in the USS Congress (OldNav). E.B. Kennon **784**, 138.
Historic Ships of Navy. R.W. Neeser **397**, 345.
Congress, Navy regulars in **586**, 1339.
Congress of the United States: It's Your Congress. J.R. Blandford **636**, 185.
Congressional Committees
See also: Cordiner Committee Story.
Testifying Before Congressional Committees. John R. Blandford **625**, 295.
Congressional Medal of Honor **512**, 1225.
Congreve, William: See: Congreve War Rockets, 1800-1825.
Congreve War Rockets, 1800-1825. R.R. Hobbs **781**, 80. **785**, 104. **787**, 110.
Conlan, J.F.: Case for "District Fire Stations" (ProfNote) **662**, 144.
Conley, T.F., Jr. **456**, 253.
Conley, Mrs. W.H., Jr.: Men in the Middle (Purtell) (C&D) **803**, 105.
Conn, Stetson **637**, 332.
Connecticut: School ship desired **346**, 1720.
Connecticut (USS) **277**, 464.
Compared with other large battleships **112**, 879.
Cost of construction **121**, 417.
Ships of the U.S. Navy, illus. R.W. Neeser **162**, 518.
Connell, T.P. (joint author): See: P.F. Hauck.
Connelly, Bailey
Up Periscope (anec) **670**, 67.
When Saturday Night Baths Were Free (anec) **648**, 157.
Connelly, G.G. **480**, 258. **503**, 87. **506**, 443.
Connelly, R.B.: Slate of Nominees for 1974 (C&D) **852**, 89.
Connery, H.J. **698**, 101.
And R.R. Waite: Aptitude Screening of Naval Recruits (ProfNote) **744**, 143.
"Furthermore, as an officer, I..." (anec) **719**, 47.
Connery, R.H. **621**, 1275.
Conning Towers
A new conning-tower, 1911: **139**, 1059.
Peculiarities of German conning towers in the Deutschland class **152**, 1234.
Connolly, T.F.
The Nimitz-class Carrier (C&D) **893**, 83. **897**, 78. **901**, 30. **902**, 79.
Of Fighters and Facts (ProfNote) **833**, 113.
Connolly, T.W.: Ballistic Missile Surface Force **736**, 40.
Connor, H.P. Mcl. **339**, 671.
Practical application of navigation to aircraft **334**, 1065. **335**, 139.
Connors, J.D. **690**, 113.
Conolly, R.L.: Principles of War **599**, 1.
Conqueror (HMS)
Description; trials **143**, 1123.
Illustration **143**, 1124.
Launched; description **138**, 635.
Conquest of Baltic Islands. G. von Koblinski **353**, 971. **358**, 1798.
Conrad, F.: Radio prize **277**, 536.
Conrad, R.D.: This far-flung navy **292**, 674.
Conroy, J.F.: NavCad or College Grad? (Williams) (C&D) **837**, 96.
Conroy, J.W.: Services to Institute **248**, 1606.
Conroy, James W. **848**, 56, 68.
Conroy, John: Why Not Another Mariner Class of Merchant Ship (C&D) **786**, 117.
Conscientious objectors: Because Their Consciences Tell Them So. Charles McIntosh **896**, 42.
Conscription
See also: Military training, universal.
Conscription in Canada **187**, 2101.
The five draft classes **178**, 3055.
Legislation **240**, 334.
Mechanics and mathematics of the draft in the U.S. C.H. Claudy **175**, 2131.
Men available for conscription in U.S. **172**, 1296.
Table of quotas of the various states, 1917: **174**, 1879.
Conservation: Operation Green Turtle. W.J. Cromie **766**, 58.
Consolazio, W.V., N. Pace, and A.C. Ivy. Drinking Water from Sea Water **498**, 971.
Constant bearing: Its theory and application. R.D. White **166**, 1941.
Constantine, Grand Admiral of Russia: Letter to Captain Maury **359**, 96.
Constantine, Grand Duke: Maury and the Russian Grand Duke (OldNav). F.J. Anderson **834**, 68.
Constantine, King of Greece: Abdication of. **173**, 1646.
Constellation (U.S.) **568**, 678. **572**, 1141. **578**, 425. **648**, 212. **895**, 65.
See: Cover Pictures--January 1956.
See also: New Navy.
American colonial navigators. T.G. Ford **119**, 861.
and L'Insurgente (Fr.) **401**, 1079.
Cruise to China, 1839: **136**, 1084.
Early Naval Strategy. A.C. Stott **396**, 229.
Flare-up: Was it Mutiny? P.B. Ryan **875**, 46. **878**, 83.
Frigate Constellation Puts to Sea. L.C. Dunn **546**, 1005.
Frigate Shipshape Again (Nbk) **752**, 144.
Historic Ships of Navy. R.W. Neeser **386**, 539.
Launch of United States Frigate Constellation. E.S. Ferguson **535**, 1091. **538**, 1503.
Oldest Vessel in Our Navy Today. R.R. Duval **394**, 1780.
"Old Ironsides" Relevant Relic (OldNav). T.G. Martin **883**, 106.
Truxtun--The Builder. E.M. Eller **416**, 1445.
Constitution (Chilean battleship)
Description **105**, 238. **106**, 286, 292.
Sold to England **108**, 968.
Constitution of the U.S.: Oath of Allegiance. T.H. Reese **751**, 52.
Constitution (U.S.) **648**, 212. **804**, 98.
See: Cover Pictures--September 1954 and October 1960.
See also: Farenholt, A. **128**, 1279.
See also: The First Time (OldNav).
American Colonial navigators. T.G. Ford **119**, 861.
and Guerriere: See: Cover Pictures--August 1953.
"Brood of the Constitution", Illus. **161**, 125. **164**, 1259.
Campaign for funds **271**, 1766.
Commemorative postage stamp proposed **529**, 331.
USS Constitution Getting an Overhaul (Nbk) **720**, 155.
Constitution in miniature. H.F. Krafft **314**, 365.
Constitution versus Guerriere. Linda McKee **714**, 72.
Dinner set of **341**, 996.
Figurehead (Jackson) **297**, 1166, 1211, 1245, 1250. **307**, 773. **316**, 527.
The Frigate Constitution. J.P. Parker (Rev) **96**, 723.
Her Thunder Shook the Mighty Deep. T.M. Prudden **731**, 74.
Illustration **146**, 762. **161**, 125.
Kedging. H.D. Henry **282**, 1509.
Life for "Old Ironsides." H.F. Krafft **272**, 1938.
Log of the Constitution, Feb. 21-24 1815; Capture of the Cyane and the Levant **168**, 227.
On the "Brood of the Constitution." Park Benjamin **163**, 925.
Models **291**, 607.
New Source of American Naval History. D.W. Knox **329**, 588.
Off Tripoli **280**, 1271. **291**, 618.
Old Ironsides? **653**, 781.

Constitution (U.S.) (Cont.)
"Old Ironsides" and Academy. H.F. Krafft **316**, 563, 564.
"Old Ironsides" campaign. P. Andrews **284**, 1981. **296**, 1111.
"Old Ironsides" in Chancery. W.H. Davis **460**, 780.
Some Stories of "Old Ironsides" **342**, 1148. **343**, 1294. **345**, 1595.
Story of "Old Ironsides". J.B. MacHarg **344**, 1351.
T.L. Gatch (BkRev): On the Decks of Old Ironsides (Snow) **355**, 1361.
Visitors to **344**, 1416.
Why she won **276**, 361.
Constitutional War Powers: The War Powers: Constitutional Crisis. R.J. Barrett **849**, 18.
Construction
Bulkheads. Trial of Water-tight Compartment on the Kent **98**, 416.
Materials
Aluminum, Welding **98**, 418.
Aluminum-thermit **98**, 417.
Fire-proof Wood in the U.S. Navy **99**, 626.
Iron, Rusting of Iron **97**, 195.
Magnalium **100**, 802.
Russia. Materials of Ships **99**, 612.
Steel, Jupiter Steel **100**, 801.
Wood. Fireproofed Wood in U.S. Navy **99**, 626.
Wood, No Longer Used for Decks in British Navy **99**, 626.
Wood. Tests of Fireproofed Wood **98**, 415.
Wood. Fireproofed Wood in British Navy **98**, 416.
Sheathing
Galvanic Action of Copper Sheathing (cases of Ariadne and Spartiate) **97**, 197.
Sheathing of the Argonaut, Galvanic Action. **99**, 626.
Sheathing of C. & G.S. Str. Bache **97**, 196.
Ventilation: Fans, Electrically Driven **98**, 416.
Construction and Repair
Aircraft **330**, 720.
Bureau of Yards and Docks: Pictorial **555**, 577.
C. and R. department afloat. R.R. Clarke **211**, 1465.
C. and R. department of battleship. D. De Treville **321**, 965, 975. **324**, 143. **326**, 333.
English repair ships **233**, 325. **328**, 544.
An Experiment in Indoctrination. F.K. Elder **327**, 400.
Financial control of ships' overhauls. G.C. Manning **326**, 296.
Get Most Out of Your Navy Yard. J.R. Carmichael, Jr. **498**, 985.
Lo! Poor Janitor. M.S. Tisdale **360**, 167, 268. **362**, 569.
Ounce of Prevention, or Art of Bilge Diving. C.W. Fisher **364**, 808.
Reflections from Side Lines. W.R. Dowd **365**, 1009. **370**, 1771.
Repair Ships
Advance bases, and fleet mobility in war time. E.P. Jessop **354**, 1138.
Seron Ten. W.R. Carter **540**, 153. **543**, 629.
Tender Memories. G.W. Akers **490**, 1567.
You Can't Beat 'em If You Can't Sink 'em. R.E. Williams **517**, 349.
Construction Battalion Center: Newport/Quonset Point Naval Complex (Pict) **803**, 76.
Construction Business, How to Succeed in. R.C. Williams **799**, 70.
Construction materials: Fiberglass Ship Feature (Nbk) **730**, 155.
Construction of Vessels of War, The Use of Iron and Steel. Discussion **20**, 267.
Construction operations: Dust and Mud and the Viet Cong. D.L. Browne **811**, 52.
Consular Service
Burlingame, A.: China **347**, 60.
Training a government official. D. Potter **262**, 1982.
Consuls
Harris, T.: Japan **347**, 64.
Reed, W.B.: China **347**, 63.
Shaw, S.: China **347**, 58.
Consumption of fuel: See: Fuel consumption.
Contact courses for air corps **328**, 555.
Contact 261. L.B. Melson **772**, 26.
Container Dispatcher (U.S.): Containers and Containerships for the Military (ProfNote). Fremont Piercefield **775**, 134.
Containerization
and the Ports: The Load Center Concept (ProfNote). S.W. Emery, Jr. **824**, 103.
Containers Break Vietnam Bottleneck (Nbk) **782**, 141.
Lloyd's Surveys Containerization (Nbk) **772**, 152.
Transmodalism. R.P. Holubowicz **780**, 64. **783**, 106. **785**, 97, 100.
Versatile, Vulnerable Container Ship. F.D. Case **828**, 48.
Containerized Cargo: Land Bridge Comes of Age. G.D. Saunders **850**, 38. **856**, 100.
Containers: Deck Container Damage Reported (Nbk) **782**, 142.
Containers and Contingencies. C.O. Lanciano, Jr. **823**, 26.
Containers and Container Ships
Amphibious Containers (ProfNote). E.G. Pollack **725**, 136.
for the Military (ProfNote). Fremont Piercefield **775**, 134.
G.D. Saunders **722**, 58.
Short life for Containership (Nbk) **729**, 147.
Container service, Transatlantic: New Roll-on/Roll-off Service (ProfNote). G.D. Saunders **784**, 135.
Container Ship Contract Signed (Nbk) **786**, 155.
Containerships
Containership Competition Increases in Europe (Nbk) **806**, 134.
Container Ship Terminal for New York (Nbk) **791**, 147.
Container Ships Surprise Europe (Nbk) **791**, 148.
Container Service for Halifax (Nbk) **796**, 156.
Navy Using Containers in Vietnam (Nbk) **777**, 150.
New Japanese Piggy-Back Ship (Nbk) **732**, 152.
Sea-Land's New Sweethearts: The SL-7s (ProfNote). G.S. Marton **880**, 99.
Ships of the U.S.-Flag Intermodal Fleet (NavRev). B.M. Kopec **867**, 212.
33-Knot Container Ships Planned (Nbk) **796**, 156.
Container vans, armed **851**, 83.
Conte de Cavour (Italian battleship)
Description **141**, 333.
Description, plan **140**, 1437.
Illustration, plan **145**, 382.
Launched; description **139**, 1066.
Conte di Savoia (SS) **336**, 259. **346**, 1719. **353**, 1082. **354**, 1229. **356**, 1530. **359**, 137. **362**, 607, 613. **365**, 1073.
Continental Navy
Convoys for Our Envoys (OldNav). N.T. Storch **872**, 78.
Disaster on the Delaware. J.M. Perry **707**, 84.
Origin of. C.O. Paullin **297**, 1158.
Rathbun's Raid on Nassau. F.H. Rathbun **813**, 40.
Skenesborough: Continental Navy Shipyard (OldNav). E.G. Farmer **740**, 160.
Continental Shelf
Freedom of the High Seas: An Impossibility? (ProfNote). M.W. Janis **853**, 112.
International Law Aspects of Acquisition of, by United States. B.H. Brittin **550**, 1541.
North Sea. W. Langeraar **767**, 20. **771**, 121, 122. **775**, 114. **779**, 111. **801**, 114. **803**, 94.
Problems **663**, 112.
Continuous voyage: Doctrine of. R. Wainwright **244**, 903.
Contraband
Absolute and conditional contraband, 1910: **135**, 916.
of War **87**, 533.
R. Wainwright **244**, 899.
Searching for contraband with X-rays **157**, 948.
Contribution to good will. R.M. Ihrig **301**, 182.
Control board, Interior. R.B. Carney **328**, 531.
Control of the Military
Against All Enemies. R.J. Hanks **805**, 22. **808**, 97, 98, 99, 100. **809**, 89, 90, 91, 92, 93, 95, 96. **810**, 95, 96. **812**, 85. **813**, 81. **814**, 79, 80, 81.
The Military Image (C&D) **815**, 81. **818**, 91.
Control of Nuclear Weapons: Nuclear Control and the Multilateral Force. C.H. Amme, Jr. **746**, 24.
Control of the Sea
Ready Power for Peace--The U.S. Seventh Fleet. G.P. Steele, II: **875**, 24.
Theory of Naval Strategy in the Nuclear Age (NavRev). Edward Wegener **831**, 190.
Time to Secure the Seas. F.B. Case **846**, 24. **853**, 101. **858**, 96.
Why V/STOL? G.G. O'Rourke **875**, 39. **880**, 79. **884**, 91.
Controversy, You and the Military Mind. W.A. Platte **670**, 105.
Conventional Warfare: Our Far-Flung Ramparts. G.F. Eliot **740**, 26.
Converse, A.F.: Swinging Ship at Anchor **475**, 1223. **480**, 253.
Converse, G.A.: The Calibre of the New Navy Rifle **67**, 305.
Conversion to Diesel Drive **249**, 1916.
Convoys
See also: Transportation of troops overseas.
Allied convoy system **183**, 1132.
Atlantic Convoys. H.D. Cooke **570**, 863.
Atlantic Ocean--Sea of Decision. F. Uhlig, Jr. **613**, 275.
Bridge across Atlantic. Yates Stirling **271**, 1669.
The Captain and the Convoy (OldNav). S.W. Bryant, Jr. **881**, 69.
Caribbean Convoy (OldNav). Harlan Soeten **845**, 78.
Conquest of territory overseas. R. Daveluy **127**, 987.
Convoys for Our Envoys (OldNav). N.T. Storch **872**, 78.
Convoys: No Second Chance? (ProfNote). C.H. Blair **856**, 112.
Day the Astral Vanished. Arthur Gordon **752**, 76.
Destroyer experiences in great war. J.K. Taussig **238**, 2015. **239**, 39. **240**, 221. **241**, 383.
Early World War II Troop Convoy. J.J. London **508**, 681.
Escort-of-Convoy, Still the Only Way. R.A. Bowling **802**, 46. **808**, 111, 112.
Experiences of Naval Port Director 1939-45. D.D. Mercer **564**, 181.
Grouping vessels by speed **184**, 1358.

Means of protecting commerce **154**, 1831.
Mediterranean Convoys in World War II. M.A. Bragadin **564**, 143. **568**, 679.
Murmansk Run
German Attacks on. A.E. Sokol **598**, 1327. **617**, 809.
German Attacks on. **608**, 1133.
W. Karig, E. Burton, and C.L. Freeland **515**, 25.
North Atlantic Convoy. E.E. Lipke **529**, 289.
Protection of Commerce in War. B. Anderson **594**, 881.
Protective value of convoying **185**, 1657.
"Stay Tough". J.M. Waters, Jr. **766**, 95.
Submarines and **305**, 604.
The success of the convoy system **191**, 146.
Tales of North Atlantic Gales. F.M. Curran **501**, 1357.
Trade defense. H. Russell **280**, 1250.
Trade routes and. H. Russell **275**, 173.
U.S. Navy's Attitude on Convoys **653**, 782.
When the Good Shepherds Were Blind. Patrick Abbazia **871**, 49. (C&D) **875**, 73, 74, **876**, 79, 80. **882**, 74. **886**, 88.
World war. W.J. Wheeler **315**, 385.
World War II: Catapult Off—Parachute Back. J.E. Wise, Jr. **859**, 70.
World War II: Stay Tough (C&D) **770**, 108.
Conwell, T.C.
American Personnel for American Merchant Ships **408**, 171, 247. **413**, 1017. **416**, 1474.
What Benefit Merchant Marine Reservist? **400**, 836.
Conyngham (USS) **258**, 1344.
Coogan, J.T., Jr.: The "CV": Capable Vigilance or Continued Vulnerability (ProfNote) **829**, 117.
Cook, A.B. **394**, 1855. **442**, 1784. **461**, 1016. **467**, 99. **468**, 254. **470**, 559. **480**, 260. **573**, 1261. **682**, 98.
Naval Aviation **404**, 1455.
Salty Lingo **631**, 1017.
Seagoing Language **407**, 45. **420**, 251.
Cook, A.M. **381**, 1603.
On navy yard economy **138**, 602.
Cook, C.O., Jr.
Against All Enemies (Hanks) (C&D) **814**, 81.
Rambling in Ramapo **593**, 741.
Cook, C.S.: Their Energy--Our Crisis **882**, 28.
Cook, C.W.
Merchant ship subsidy systems **271**, 1787.
National merchant marine policy **269**, 1298.
Cook, F.E., Jr.: You Gotta Look Out for Old Number One (Saur) (C&D) **881**, 80.
Cook, F.H.: On "An Improvement in Floating Dry Docks" **143**, 1103.
Cook, Frederick A.: Peary and the North Pole, The Lingering Doubt. Dennis Rawlins **808**, 32. **814**, 87.
Cook, G.H.: Of Clocks and Kings (anec) **531**, 537.
Cook, H.E. **337**, 389.
Strenuous Life (anec) **562**, 1365.
Cook, J.C., Jr.: The Attack Helicopter (C&D) **836**, 97. **841**, 101.
Cook, J.H., III
Needed--An Information System (ProfNote) **861**, 118.
Survival of Navy Medicine (Custis) (C&D) **864**, 84.
Cook, M.G. **208**, 910.
Proposal for independent air service **264**, 215.
Cook, Preston: Launching the Battleships Kearsarge and Kentucky in 1898 (C&D) **778**, 104.
Cook, R.A. **485**, 997. **487**, 1240.
Cook, R.H.: Four Times Four (anec) **732**, 63.
Cooke, A.G.: Some Ship-Handling Doctrines for Converted Yachtsmen **488**, 1298.
Cooke, A.P.
How May Sphere of Usefulness of Naval Officers Be Extended. Honorable Mention, 1883: **24**, 203.
Naval Reorganization **39**, 491.
Our Naval Reserve and the Necessity of its Organization **44**, 169.
Cooke, C.M. **441**, 1635. **602**, 443. **621**, 1271. **686**, 113.
Line Officer Problem **441**, 1587. **444**, 253.
Cooke, C.M., Jr.
Fitness Records and Selection for Promotion **339**, 647.
The O-5 Is Down! (Grigore) (C&D) **838**, 88.
Cooke, H.D. **340**, 858.
Atlantic Convoys **570**, 863.
Cooke, M.L. (joint author): See: Lewis, C.L.
Cooking
See also: Mess, diet.
Food preparation. In Dyer, G., Ship's general mess **148**, 1601.
The modern general mess. G.P. Dyer **118**, 621.
On the modern mess. A. Hovey-King **120**, 1563.
Cooley, T.R. **427**, 1349. **442**, 1775.
Coolidge, C. (Pres. of U.S.) **276**, 354. **293**, 824. **287**, 115. **300**, 150. **355**, 1373.
Cooling, B.F.: Remembrance of My Cruise (Focht) (C&D) **804**, 94.
Coombs, C.E., Jr.
"AcDuTra:" A Reserve's Judgment (C&D) **777**, 105.
A Bigger Target (anec) **857**, 39.
Cooney, D.M. (BkRev) **753**, 126.
Coontz, R.E.
Across continent with insane man **225**, 1749.
Navy **243**, 747.
Navy and business **232**, 987.
Spirit of the Navy (OldNav) **828**, 83.
Cooper, D.L. (co-author): See: A.E. Hammarlund.
Cooper, G.B.: Territorial Sea: A Wider View (ProfNote) **854**, 113. **858**, 84.
Cooper, J.F. **366**, 1234. **367**, 1382.
See: Old Navy. James Fenimore Cooper: Novelist, Historian, and "Lawyer".
Naval Career. L.H. Bolander **446**, 541.
Cooper, J.K.: Atomic Enterprise (anec) **662**, 47.
Cooper, J.W. **688**, 107.
Against All Enemies (Hanks) (C&D) **809**, 96.
Cooper, L.G.: By Your Leave, Sir (anec) **545**, 851.
Cooper, M.: Submarine in international law **229**, 337.
Cooper, P.C. **703**, 108.
Cooper, T.J.: Retention: The High Cost of Leaving (Fredland) (C&D) **810**, 107.
Cooper, W.G.: Meet Ambassador (anec) **601**, 265.
Cooper, W.R.: "Get Off My Back, Sir!" (Mumford) (C&D) **898**, 77.
Co-ordinating army and navy. N.F. Fullam **251**, 14.
Co-ordination in public administration. T.T. Craven **349**, 359.
Co-ordinators of budget. L.C. Dunn **256**, 948.
Co-ordinators--Who? What? Why? C.F. Russell **250**, 2035.
Coox, A.D. **641**, 769. **669**, 106.
Book Review **865**, 87.
Cope, H.F. **357**, 1689. **477**, 1613. **589**, 322.
"--And Sank Same!" **521**, 953.
"Climb Mount Niitaka!" **526**, 1515.
Fighting Ships on Leash **528**, 161. **534**, 979.
Foreign Languages at Naval Academy **493**, 271.
Historic Cavite Navy Yard **331**, 811. **333**, 1030.
Lung Training at Submarine School **357**, 1610.
Play Ball, Navy! **488**, 1311.
Sovereignty Is No Giveaway Gimmick! **579**, 505. **581**, 764. **589**, 322.
U.S. submarines in war zone **330**, 711.
Washington Navy Yard **419**, 20.
When Peace Comes **480**, 165.
Copeland, C.H.P. **600**, 207. **604**, 681.
Copeland, D.G.: Steel towers at world's greatest radio station **214**, 1903.
Copeland, H.G.: Post-War Naval Reserve **520**, 813. **523**, 1221.
Copeland, H.P. **619**, 1053.
Copenhagen, Battle of **534**, 907. **537**, 1377.
See also: Frost, H.H. **157**, 1071.
Copper: Use of copper in war **157**, 962.
Coquette (HMS): Sunk by mine **162**, 655.
Coquette (U.S. schooner) **323**, 50.
Corals: Rate of growth of corals **153**, 1527.
Coral Sea (U.S.) **560**, 1129.
Corbesier, A.J.
Antoine Joseph Corbesier: An Appreciation **157**, 887.
Portrait **157**, 887.
Sword Exercise **69**, 181.
Corbett, J.: Work of Sir Julian Corbett in Dreadnought Era. P.M. Stanford **575**, 61.
Corcoran, W.R.: Big Skunk (anec) **691**, 56.
Cordage: Philippine fibre industry. G.R. Crapo **276**, 262.
Cordell, C.C.
Engineering--And Damage Control (C&D) **836**, 95.
Cordier, S.S.
Atlantic Alliance, Problems and Prospects **766**, 38.
Japan, Present and Potential Military Power **777**, 68.
Cordiner Committee Story. D.J. Carrison **659**, 1.
Cordite
Chemistry and manufacture of. **136**, 1178.
Cordite in British Navy **101**, 143. **106**, 494.
Cordite of Aquidaban. A. Albirto **281**, 1382.
F.W.J. Barker **66**, 223. **77**, 224.
Preserving cordite gun-charges **127**, 1074.
Report, 1912, U.S. Joint Army and Navy Powder Board **141**, 133.
Storage of cordite in British Navy **130**, 595.
Ventilation prolongs life of **126**, 711.
Corean Guns
at Naval Academy. T.W. Clarke **62**, 265.
Chemical Analysis of. C.R. Sanger **65**, 53.
Corey, H.G.: Ship Characteristics Board (ProfNote) **681**, 127.
Corey, J.W.
Causeway Barge Method (ProfNote) **786**, 142. **789**, 114.
Plan For All Seasons (Lyon) (C&D) **802**, 109.
Corey, J.W., Jr.
Effective Writing, Navy or Civilian (Blair) (C&D) **797**, 105.
Retention: The High Cost of Leaving (Fredland) (C&D) **810**, 108.
Wetter, Better NROTC **808**, 64. **816**, 82. **817**, 94. **818**, 94.
Corfu Island
Bombardment of **249**, 1941, 1944.
English fleet at **344**, 1417.
Coringa (Br. tug) **408**, 207, 294.
Corinthic (USS) **346**, 1719.
Corliss, R.E.: The U.S. Coast Guard and

Corliss, R.E. (Cont.)
the Control of Oceanic Pollution (Williams) (C&D) **883**, 78.
Corliss, W.G.: Case Against Pre-Emptive Attack **701**, 31. **706**, 102, 103.
Cormoran (Ger.) **800**, 122.
See also: Emden.
Blown up by crew **171**, 1078.
Interned at Guam **155**, 282.
Cormoran (SMS) **342**, 1044. **345**, 1595.
Destruction of SMS Cormoran. O. Bartlett **342**, 1044. **345**, 1595.
Cornelius, George **652**, 662. **664**, 103.
Air Reconnaissance--Great Silent Weapon **677**, 35.
Charts, It Never Pays to Use Out-of-Date (anec) **657**, 1207.
New Weapons with NATO Nameplates **708**, 26.
Reconnaissance Drone--Present Weapon With a Future **656**, 1093.
Something's Doing in L.T.A. **659**, 39.
Trip to Pampanga **649**, 285.
Cornelius, W.W.
Do-It-Yourself Expert (anec) **712**, 58.
Force of Habit (anec) **703**, 172.
Getting the Bugs Out of the System (anec) **721**, 64.
Home, Sweet Home (anec) **793**, 125.
It's That Southern Accent Again (anec) **765**, 87.
Let's Improve Professional Ethics (C&D) **882**, 69. **888**, 83.
Time For the Captain's Sea-Sick Pills (anec) **886**, 23.
Too Many Senior Officers; Not Enough for Them to Do (C&D) **858**, 79. **861**, 104. **862**, 89.
Corner, S.L. **729**, 100.
Cornish, R.V.: To Maker with Baker (anec) **595**, 981.
Cornwallis, Sir William: Portrait **185**, 1465.
Cornwell, M.F.: Apartheid: Shadow Over South Africa (Rondeau) (C&D) **888**, 74.
Coronal Bolognesi (Peruvian cruiser): Launching, trials, description **120**, 1603.
Coronary heart disease: CHD--The Heart of Military Readiness. W.V.R. Vieweg and D.A. Lee **844**, 49. **850**, 90.
Coronary Sclerosis. G.W. Calver **379**, 1214.
Coronel, Battle of **232**, 925.
The fleets clash off Coronel, map **154**, 1866.
Von Spee on the Coronel battle **159**, 1757.
Coronel and Falklands, Background of. C.C. Wood **377**, 939.
Corporations, Multinational. R.A. Bowen **839**, 54.
Corpus Christi Bay (U.S.): USNS Corpus Christi Bay (T-ARVH-1) (ProfNote). A.F. Rawson, Jr. **761**, 144.
Corrections to Proceedings
Barber's Point Captain Correction **673**, 103.
Book Reviews
Crenshaw, R.S., Jr.: Naval Shiphandling, 2nd Ed. **689**, 108.
Herzog, Bodo: Die deutschen U-boote **689**, 108.
Cannon, 175-mm. Army **710**, 107.
Chart Correction--Last Chapter for U-853: **700**, 96.
Correction on Armament of Sloop Wasp **701**, 99.
Correction to January 1963 issue **720**, 173.
Cover Painting--Refueling at Sea **817**, 91. **821**, 98.
Japanese Battleship Statistical Corrections **695**, 114. **702**, 111.
Line left out of J.I. Parker's comment on page 91 of June 1974 issue **861**, 104.
Naval Mine Warfare **689**, 100.
Navy Men in Olympic Games **697**, 115.
Patoka Served as a Flagship **675**, 105.
Photographer Paul Bowers referred to in error as Paul Brown **841**, 4.
Pictorial--Unitas X (C&D). R.E. Perry **814**, 85.
Piloting Techniques (Pellock) (C&D) **820**, 92.
Practical Method of Predicting Fuel Consumption (ProfNote). G.D. Morin **827**, 101.
Previous Review of Soldiers of the Sea **724**, 130.
Prognosis for Navy Medicine (ProfNote). C.L. Waite **827**, 3.
Refueling at Sea (Cover) **817**, 91.
Universe Apollo (U.S.) **689**, 98.
W.S. Sims's article based on his own personal experience, not Mason's **856**, 3.
Corredera, R.F. **584**, 1104.
Corregidor (SS), formerly Engadine (Br.): From Dover Straits to Corregidor Deep. E.G. Pollak **588**, 149. **605**, 783.
Corret, J.L.: Brequet 1150 Atlantic Aircraft (ProfNote) **784**, 131.
Corrigan, G.M.: Navy's Racial Reforms: Will the Trend Continue? (C&D) **858**, 88.
Corrosion
and Fouling of Ships. Anti-fouling Compositions. M. Holzapfel **52**, 169.
of the Copper of the Juniata. C.E. Munroe **38**, 391.
of Metals **72**, 828.
of ship's bottoms. See: Fouling.
of Steel, A Singular Case of. C.E. Munroe **21**, 502.
Old Navy Foe Takes a Beating (ProfNote). P.C. Russell **798**, 146.
Corrosive Effects of Steel and Iron in Salt Water **20**, 327.
Corsair II
Corsair II As I See It. J.C. Hill **789**, 38.
Skyraider Bows Out and Corsair II Enters Combat (Pict). Jean Coté and Donald Grantham **785**, 79.
Corsair (USS): See: Gloucester.
Corsairs. W.V. Mendl **268**, 1001.
Corsaro II (It.): Sailing Gunroom for the Italian Navy (ProfNote) **710**, 137.
Corson, G. **435**, 730.
Cort, R.P. **698**, 113.
Navigation With Earmuffs (ProfNote) **687**, 137. **692**, 106, 107.
Neglect of the Human Element (ProfNote) **719**, 153.
Cortez, H. **453**, 1537.
Cory, C., and Son: Ship's telegraph **265**, 518.
Cosgrave, W.T. (Pres. of Ireland): Visits U.S. **301**, 244.
Cosmonauts: World's First Cosmonaut Is Naval Aviator (C&D). W.C. Chapman **741**, 115.
Cosque (FN) **338**, 754.
Cossack (HMS): Trials; description **129**, 339. **130**, 606.
Cosette, Peter
DcFlating DeWolf (anec) **734**, 79.
Double Trouble (anec) **724**, 39.
It's Gunga Who's Causing This Din (anec) **703**, 65.
Costa, O.G.: European Rescue Cruiser (ProfNote) **727**, 130.
Costa Rica: Definite Solution to Panama Canal Problem **570**, 912.
Cost Conscious, Are You Really? Lt. Jones! J.A. Hack **592**, 603.
Cost effectiveness: What Price Sea Power? W.T. Rapp **761**, 56. **767**. 99.
Cost-Effective Reserve Forces. J.G. Abert **837**, 52. **844**, 93.
Coster, H.M.: Navy's sulphuric acid plant **337**, 317.
Cost evaluation and estimating: Value Engineering--Profit Sharing Technique (ProfNote). R.S. Portugal **763**, 147.
Cost of Living (C&D) **868**, 81.
Cost of Navies: See: Navies.
Cost of War: Dollars and Sons. A.L. Wermuth **678**, 73.
Cost in navy yards. G.H. Rock **253**, 424. **258**, 1310.
Coté, Jean, and Donald Grantham: Skyraider Bows Out and Corsair II Enters Combat (Pict) **785**, 79.
Coto incident **218**, 634.
Cotten, J.H.: Our Tongue-Tied Navy **677**, 43.
Cotten, L.A.
Aids to emotional interest **166**, 1855.
Commerce destroying in War **196**, 957. **199**, 1495.
Competition vs. character **137**, 131.
Exploits of the Emden, map **156**, 457.
A fascinating study **158**, 1121.
Handling refugees, illus. **169**, 473.
Major elements of war efficiency **131**, 667.
Naval efficiency and command of the sea **147**, 981.
Naval Strategy of the Russo-Japanese War, map **133**, 41.
On "Column" as a battle formation **147**, 963.
Other days in Kiang-Su **268**, 952.
That reminds me **207**, 743.
"Unrestricted" commerce destroying **199**, 1517.
Cottle, G.F.
Medical Care of Naval Families **428**, 1431.
Medical Strategy and Tactics **395**, 82.
Turnover of Personnel **433**, 379.
Cottman, O.S.: On desertion and its prevention **113**, 196.
Cottman, V.L.: On the Ship's Store and Its Possibilities **120**, 1563.
Cotton: Germany's substitute for cotton **162**, 603.
Cotton manufacture: English control **242**, 716.
Cottrell, A.J. **661**, 109. **675**, 98. **707**, 129.
and J.E. Dougherty: Algeria: Case Study in the Evolution of a Colonial Problem **653**, 723.
and S.L. Harrison: Alliances: The Ties That Bind **787**, 26. **790**, 101.
Future of Our "Alliance" With Spain **682**, 60.
Malta: Future of a Naval Base **668**, 29.
Coulson, K.R.: Stranded Like Beached Whales (C&D) **894**, 64.
Counselling, The Individual Approach in Career (C&D) **815**, 87.
Counterforce: Strategies and Realities. J.I. Coffey **756**, 34.
Counter-Guerrilla Operations. H.R. Simpson **808**, 56.
Counterinsurgency
COIN Evaluation Nearly Finished (Nbk) **739**, 153.
COIN Requirements Issued (Nbk) **734**, 145.
Practical Counter-Insurgency Training (ProfNote). H.M. Robinette **737**, 130.
Proposed: A Counterinsurgency Task Force. A.G. Nelson and N.G. Mosher **760**, 36. (C&D): **767**, 101.
South Vietnamese Navy. R.P.W. Murphy and E.F. Black **731**, 52.
Training for the Navy (ProfNote). G.D. Brewer **772**, 136.
Counterforce Strategy: Counterforce or Countervalue. R.L. Beavers **854**, 18. **856**, 88. **857**, 97. **858**, 91.
Countervalue Warfare: Counterforce or Countervalue. R.L. Beavers **854**, 18. **856**, 88. **857**, 97. **858**, 91.

Count Von Spee (German cruiser): Launched 176, 2297.
County (HMS) 337, 396.
Couplings
Hydraulic, and Vulcan gearing 329, 650. 335, 105.
Whitney free-floating 229, 494.
Courage
See also: Morale.
Courage and Prudence. B.A. Fiske 125, 277.
Naval Profession; History and Ideals. E.K. Rawson 110, 345.
Realities of Battle; Weaknesses, Heroisms, Panics. Daudignac French General). Tr. by W.W. Gilbert 124, 1403.
Courageous (England) 336, 264. 343, 1262. 344, 1421. 348, 213. 349, 429. 351, 763. 353, 1069, 1087. 354, 1220. 357, 1675. 358, 1825.
Courageous (U.S.): See: A.R. Larzelere. "Away the Prize Crew".
Courbet, A.A.P.: Chinese Campaign, See: Darrieus, War on the Sea 125, 190.
Courbet (French battleship)
1st: Description 102, 319.
2nd
Armour Plan 142, 753.
Description 145, 367.
Description; plan 135, 860.
Illustration, description 147, 1325.
Reported sunk by submarine 155, 260.
Courbet (FN) 263, 116.
Couronne (French gunnery ship): Fatal gun accident aboard 128, 1340.
Course indicators: Instantaneous position plotter and course indicator. R.C. Smith (Illus) 127, 1919.
Course Zero Nine Five [Honda Point]. R.B. Hadaway 647, 40, 47. 663, 109, 110, 111.
Court, A.B.
Equalization: Muddle 361, 357.
Kapok, Illus. 167, 125.
Court, J.M.: Unity of Sea Power 616, 605.
Courts-Martial
Commodore James Barron, Guilty as Charged? Jay D. Smith 777, 79.
The Cruel Business of Accountability. J.E. Greenbacker 894, 24.
Decision on responsibility for navigation 167, 159.
Evidence. T.D. Parker 242, 643.
The Evolution of. Nathan Sargent 27, 693.
General (Notes on). W.J. Sears 70, 423.
Legal problem on board ship. J.H. Taylor 255, 713.
Manual for. H.M. Hoyler 683, 58. 689, 98.
Murder. E.N. McClellan 275, 95.
Nelson and Court-martial tradition 321, 943. 325, 226.
On administration of justice in the Navy. D.F. Goodrich 112, 839.
Petersfield (HMS). D.C. Lang 348, 285.
Plea and proposed plan for simplification of summary courtsmartial. A.G. Howe 125, 247.
Punishments humanized. C.H. Minckler 329, 582.
Royal Oak (Eng.) affair 304, 496, 530.
Some remarks on administration of justice in USN. J. Hood 111, 598.
Summary court martial; past, present and future. J.P. Morton 128, 1199.
Court of inquiry. T.L. Gatch 267, 797.
Courtney, C.D. 254, 617.
Courts. Naval Law and Naval Courts. C.H. Lauchheimer 81, 85.
Coutts, A.C.
Glacial Red Herring (anec) 806, 25.
Quoth the Raven, "Nevermore" (anec) 791, 71.
Courvoisie, T.N.: Pictorial--Submarine Memorials (Hagerman) (C&D) 832, 107.
Cover Pictures
A2F Intruder--May 1961.
A-4 Skyhawk Approaching Carrier--November 1967.
A7E Corsairs from Squadron 25--October 1971.
Adak Harbor--August 1952.
Admiral Thomas H. Moorer, U.S. Navy--May 1971.
Air Contact--North Atlantic--September 1964.
Algiers, Bombardment of--October 1961.
Alliance Defeating British Brigs--1781--August 1955.
America, USS, (CVA-66)--April 1966.
America, U.S. Schooner Yacht--September 1967.
The American's Creed--February 1972. 832, 101, 102.
Anderson, Admiral G.W., Jr., USN--January 1963.
Apollo 7 Launch--December 1972.
Aristides, American full-rigged ship--April 1965.
USS Arizona--December 1977.
USS Arneb (AKA-56): Arthur Beaumont--November 1960.
Artificial Satellite Across the Milky Way--June 1968.
Atlantic Ocean--April 1969.
USS Bainbridge (DLGN-25)--November 1962.
Bainbridge, Commodore William--June 1957.
Baltic--October 1963.
Baltimore (U.S.)--October 1953.
"Battle of Jutland"--May 1972.
Battle of Jutland--September 1968.
Bear, U.S. Revenue Cutter--January 1955.
Belle of Oregon by Woodson--April 1967.
Benjamin Franklin (SSBN-640) at New London--September 1972.
Bethell, American Privateer, 1748--February 1959.
Bikini Atoll, Baker Day at--November 1953.
Binnacle from N.B. Palmer--August 1963.
Birmingham--Naval Aviation: The Beginning--January 1971.
Blue Angels--August 1974.
Bow ornaments, USS Cincinnati (C-7)--August 1968.
Braunschweig F-225--January 1975.
British Squadron on the Hudson, 1776--February 1955.
Bronze mermaid, Copenhagen--January 1968.
USS Buck on North Atlantic Patrol--March 1957.
Burke, Admiral Arleigh A., USN (Ret.)--August 1961.
Cabrillo Discovers Santa Catalina by Duncan Gleason--August 1959.
Cap device, Officer's--January 1967.
Cape Hallet Station on Mowbray Bay--October 1968.
Captain Pearson of the Serapis Surrenders to John Paul Jones--October 1975.
Carpathia after rescuing Titanic's survivors--April 1962.
Carrier aircraft launch of A-5 Vigilante--July 1968.
Cartagena, Admiral Vernon's Attack on--April 1963.
Chatham, Burning of the English Fleet at--June 1958.
USS Chicago under steam with sails secured--December 1975.
Chinese porcelain plate of the Friendship--October 1972.
USS Claude V. Ricketts (DDG-5)--July 1965.
Clermont in 1807, Fulton's--August 1957.
Clipper in Caribbean Port, American--April 1961.
Coast Guard Academy--June 1971.
Coast Guard flag--September 1974.
Coast Guard to the Rescue--April 1968.
Cochrane, Admiral Lord Thomas--February 1975.
Columbus, Debarkation of--October 1952.
Columbus: Eve of Discovery, October 11, 1492--November 1951.
Commemorative embroidery: cruise of USS Cincinnati (C-7)--July 1976.
Constellation (CVA-64), flagship of Task Group 77.6--June 1975.
Constellation, U.S. Frigate--January 1956.
Constitution, USS--September 1954.
Constitution, US frigate. F.V. Colson--October, 1960.
Constitution and Guerriere, August 19, 1812--August 1953.
Constitution at Malta, 1837--February 1968.
Convoy--February 1977.
Cranes at Bath Iron Works--August 1975.
Crusader, RF-8A over the Alps--May 1963.
Crusader ship--December 1958.
Curtiss, Seaplane Tender--April 1955.
Cuthbert, first Baron Collingwood--June 1969.
Cutty Sark--December 1976.
USS Dealey (DE-1006)--September 1955.
Decatur, Crude portrait of--October 1967.
Dewey (DLG-14)--March 1975.
Divine Services on Board the Forrest B. Royal--August 1969.
Douglas D1 torpedo bomber--February 1974.
Dover Lighthouse, Dover, England--August 1966.
HMS Dreadnought, 1906--December 1956.
Duke (Br.), Model of 98-gun ship--September 1953.
Duluth (LPD-6)--November 1971.
Eagle, Coast Guard's barque--February 1970.
USS Eldorado Off Point Barrow--March 1958.
Ellis, Lt. Col. E.H.--November 1977.
USS Enterprise (CVN-65) from Golden Gate Bridge--June 1977.
Enterprise (CVAN-65)--June 1962.
Enterprise, Night launch on USS--March 1967.
Enterprise on Yankee Station--August 1972.
Ericsson, John--America's Farewell to--July 1955.
Essex (CV-9)--December 1953.
Essex, U.S. frigate--October 1956.
F-4 Phantom--September 1970.
F-4 Phantom II carrier-based fighters--May 1970.
F4B Phantom II--February 1965.
F4H Phantom II--January 1962.
F4H-1 Phantom II--January 1961.
F-14 Grumman Tomcat--June 1973.
F-14 Tomcats, Three-plane formation of--July 1972.
F-18s fly over the USS America (CV-66)--October 1976.
Farragut, David Glasgow--June 1956.
Fast Convoy (Allen and Leviathan)--July 1971.
Fearless, U.S. Naval Academy Yawl--December 1965.
Fisherman at the Wheel, Gloucester--July 1970.
Fleet Entering the Golden Gate in 1908--September 1965.
Fleet in the Straits of Magellan (American)--October 1958.
Flight deck action "Rough Ride"--September 1971.
Flying Cloud--April 1964.
USS Forrestal (CVA-59)--May 1956.
USS Forrestal (CVA-59)--September 1961.
Forrest Sherman-class Destroyer--

Cover Pictures (Cont.)
Forrest Sherman (Cont.) January 1958.
Forrest Sherman-class destroyer--May 1975.
Fort Hindman, Bombardment and Capture, Arkansas 1863--March 1965.
Francis Scott Key (SSBN-657), Launching of--September 1966.
Franklin, Ship of the Line--August 1958.
Free Ballooning--February 1969.
French Raft for Invasion of England, 1798--October 1964.
Galleon, Attack on a--May 1965.
USS Gambier Bay (CVE-73)--August 1976.
Gamble, John Marshall, 1790-1836--March 1955.
George Washington (SSBN-598) by Henry Brezel--June 1959.
Gibraltar, 1607, Naval Battle at--by H.C. Vroom--February 1960.
USS Glacier Off Antarctica--November 1956.
Golden Hind by W.C. Merritt--December 1960.
Gorshkov, Sergei G.--January 1974.
Graduation Ceremony, Naval Postgraduate School--June 1970.
Great Admiral by Gordon Grant--August 1960.
Grumman A-6 aircraft--May 1974.
Gunboat in Mediterranean, American--June 1954.
Gunboat on the Saigon River--May 1968.
Gustav IV Adolph--December 1962.
HMCS Haida, "Action at Dawn"--September 1977.
Halibut Firing Regulus II--February 1958.
USCGC Hamilton (WHEC-715)--October 1969.
Hamilton, U.S. Cutter in Gala Dress--August 1965.
Hancock (CVA-19)--April 1973.
USS Hancock--November 1957.
Hancock: "The Finest and Fastest Frigate in the World"--January 1953.
Harold E. Holt (DE-1074)--March 1973.
Harold E. Holt towing the Mayaguez--November 1976.
Hazard, Privateer, of Salem, 1779--November 1952.
Helicopter Minesweeping, Suez Canal--July 1975.
Hero in the Antarctic--February 1971.
Hero's dory at work--March 1970.
Highland Light--February 1962.
High Point--September 1963.
Hornet at Hong Kong by Arthur Beaumont--January 1959.
USS Hornet vs. HMS Penguin, 1815--April 1958.
Hull, Captain Isaac--August 1962.
Icebreaker in Antarctic, Coast Guard--February 1966.
Icebreaker, Wind-Class, by Jack Coggins--March 1960.
SS Independence--October 1957.
Iowa (U.S.): Sargent painting, 1919--November 1954.
Isherwood-Fletcher-Class Destroyer--July 1954.
Jamestown, 1607, Approaching--May 1957.
USS John S. McCain at Pearl Harbor by Arthur Beaumont--January 1960.
Johnston, Rehabilitation of destroyer--January 1965.
Jones, Commodore John Paul, 1747-1792--September 1952.
Kaiulani--March 1974.
The Kiev--July 1977.
King, Fleet Admiral E.J.--January 1969.
King (DLG-10), Shakedown Cruise--March 1961.
Korean Tortoise Boat--1592--July 1957.
Labrador, Canadian Icebreaker--November 1958.
Lanikai, Schooner--September 1973.
"Launch Aircraft! Land the landing force!"--May 1977.
Lawrence, Captain James, about 1812--May 1952.
Lexington Engages the Sloop Edward by Phillips Melville--April 1960.
Leyte (CVS-32) by T.C. Skinner--October 1959.
Lightning, American Clipper--April 1956.
Long Beach (CGN-9) by E.L. Bloomster--July 1959.
Long Beach (CGN-9)--August 1964.
Louis XVI Quadrant--June 1964.
Macdonough, Thomas, Commodore--1783-1825--December 1954.
Marine Corps Drummer of the Civil War Period--November 1972.
Marine Corps Emblem--November 1973.
Marine Corps Emblem--November 1975.
Marine Corps Night Maneuvers--November 1961.
Marine Lieutenant of 1937--November 1974.
Marine Patrol in Vietnam--November 1970.
Marines at Twenty-nine Palms--March 1966.
Marines Evacuated from Quiláli--June 1965.
Marines Fight off Boxers, Peking, 1900--May 1953.
Marines Storming Fort Ch'ojijin, Korea, 1871--December 1952.
Marines Training at Quantico--November 1965.
Marine Strike Team--November 1969.
Mary of Boston off Malaga, 1799--April 1953.
Matilda Wattenbach, Full Rigged Ship--May 1962.
Maury, Matthew Fontaine, 1806-1873--December 1955.
Mayflower, November, 1620--November 1955.
Mediterranean Action, 1801: Enterprise and Tripolitan warship--April 1952.
Midway, Battle of--April 1975.
Midway, Battle of--June 1967.
Midway, 1942: Akagi and Soryu--June 1952.
Missile-launching ships--October 1977.
The Mississinewa Refuels the Saratoga--September 1958.
USS Mitscher--March 1956.
Mobile Support Team, Mekong Delta--November 1968.
Monongahela, U.S. Sloop of War--June 1953.
Monticello (LSD-35) by F.J. Hoertz--March, 1959.
NC-4 at Trepassey Bay, Newfoundland--May 1969.
Nautilus (SSN-571)--April 1970.
USS Nautilus--July 1956.
Naval Academy midshipmen--June 1963.
Naval Action, 14th Century--July 1952.
Naval and Maritime Photography Contest, 1971--April 1971.
Nelson, Viscount Horatio--October 1955.
Nemo, Captain, Shooting the Sun--May 1967.
Net tenders--July 1962.
New England Forces, Landing, 1745--March 1953.
New Jersey (BB-62)--March 1969.
New Jersey, Nine-gun Salvo from the USS--August 1967.
New York Naval Shipyard and USS Dewey--November 1964.
Nile, Battle of the--July 1967.
Nimitz, Admiral C.W.--July 1966.
Northampton (CLC-1) by E. Rollier--July 1960.
North Atlantic Convoy--September 1957.
Northland--Built for Bering Sea Patrol--February 1954.
USS Olympia--September 1976.
Operation Snowy Beach--July 1973.
Pacific Fleet Destroyers--March 1968.
Patrick Henry and Proteus--January 1964.
USS Patterson--February 1957.
Paul Revere (APA-248) by Arthur Beaumont--November 1959.
Pearl Harbor--December 1968.
Pearl Harbor Submarine Memorial--March 1972.
Pegasus (PHM-1)--January 1977.
Pensacola, SNJ's over--May 1954.
Perry, Commodore, landing in Japan--November 1966.
Perry, M.C.--July 1953.
Perry (DD-844) by F.V. Colson--September 1960.
Philadelphia, Burning of, February 16, 1804--January 1952.
Photography Contest, 1972 Naval and Maritime--April 1972.
Photography Contest, 1974 Naval and Maritime--April 1974.
Pilgrims, Sailing of, from Southampton, August 5, 1620--December 1951.
Pohlman, Lieutenant Florence, USN--October 1974.
Porter, Commodore David (1780-1843)--June 1955.
Porto Bello, Taking of, November 22, 1739--February 1953.
Preble, E.--January 1954.
President engages Endymion--May 1964.
Preveza, 1538, Battle of--August 1973.
Prince de Neufchatel--July 1963.
Princeton, U.S. Steam Sloop--September 1956.
Propeller Shop, Yokosuka Navy Yard--September 1969.
Proteus in Holy Loch--July 1961.
Quincy (CA-39)--February 1973.
Raleigh, Continental Frigate, by Gordon Grant--December 1959.
Rambler, Privateer--October 1966.
USS Ranger Off Guantanamo--July 1958.
Ranger, Quiberon Bay, February 14, 1778--February 1952.
USS Raven (AM-55)--May 1955.
Refueling at Sea--December 1970.
HMS Revenge--January 1957.
Revenue Marine, U.S.--March 1976.
Riverine Patrol--August 1970.
Robert E. Lee (SSBN-601)--September 1962.
Roman Warship--August 1956.
Rough Seas--May 1973.
St. Lawrence, U.S. Frigate--May 1959.
St. Mary's Firing on a Slaver--February 1961.
St. Mary's, sloop-of-war--December 1974.
St. Paul (CA-73) Flag Ship of the Seventh Fleet by Arthur Beaumont--May 1960.
USS Salem--February 1956.
Salute at 'Statia--June 1961.
Santee--December 1961.
Saratoga (CV-60) replenishes from Detroit (AOE-4)--May 1976.
Savannah of 1819--December 1957.
SeaBees at work during invasion of Southern France--Mary 1962.
SeaLab I--December 1971.
SeaLab II, Divers return to--June 1966.
Seal of the U.S. Naval Institute--October 1973.
Seascape by Moran--December 1966.
Seasprite helicopter--January 1973.
Shovel, Admiral Sir Cloudesley--February 1967.
Sims, W.S.--February 1964.
Skyhawks (TA-4J) over Texas--March 1977.
South Dakota during the Battle of Santa Cruz--February 1963.

Soviet Nuclear Submarine Off Hawaii--August 1971.
Spruance, Admiral, with Captains Forrestel, Biggs, and Moore--July 1974.
USS Spruance (DD-963)--February 1976.
Standard missile and USS Virginia--August 1977.
Standing By His Colors--July 1964.
Statue of Liberty--January 1976.
USS Stockton (DD-73)--May 1966.
"Sudden Squall"--June 1972.
Suffolk County (LST-1173)--May 1958.
Sunlit Sea--January 1970.
Surface effect ship 100B--December 1973.
Swift, American Privateer, by Gordon Grant--April 1959.
USCGC Taney on weather station--October 1962.
Tanker (LNG-41)--April 1977.
Tanker in Heavy Seas--March 1963.
Taxi Director--CVA-41--January 1969.
Thresher (U.S.)--March 1964.
Tomahawk cruise missile--June 1976.
"To the Rescue"--January 1972.
Trafalgar, Battle of--January 1966.
Trenton--June 1960.
Tringa (ASR-16) by F.V. Colson--September 1959.
Tripoli, Attack on, August 3, 1804--August 1954.
Tripolitan Gunboat, Boarding, in 1804--October 1954.
Turtle Boats, Naval Warfare of the, by Byeung Soo Park--December 1967.
U-Boat Gun Crew, in World War I--October 1965.
Victory ship SS U.S. Explorer--March 1971.
Virginia and Cumberland, Iron vs. Wood--April 1954.
Wabash Puts to Sea--March 1952.
Wasp, USS, Capturing HMS Reindeer, 1814--March 1954.
Windham County (LST-1170)--June 1974.
YP Boats off the Naval Academy--October 1970.
Yorktown (CV-10)--September 1975.
USNS Yukon--April 1957.
Zumwalt, Elmo R., Jr.--April 1976.
Coverdale, W.H.: Transatlantic Aviation as an Adjunct to Merchant Shipping **422**, 487.
Covered wagons of sea. H.B. Miller **345**, 1461.
Covington (Transport): Torpedoed **186**, 1933.
Covington (U.S.) **411**, 631.
Cowan, J.S.: See: E.K. Thompson. Affair of Honor.
Coward, Asbury **697**, 120.
Coward, J.G. **676**, 103.
Destroyer Dust **549**, 1373. **554**, 471.
Cowie, D.
Britain's Junior Navies **451**, 1291.
Britannia Has a Family **460**, 842.
Cowie, J.S. **770**, 117.
Bear Witness (anec) **597**, 1237.
British Mines and the Channel Dash **662**, 39.
Communications and Command Prerogative (Marshall) (C&D) **858**, 83.
Extraordinary Initiative Required (anec) **731**, 35.
Follow the Flag (anec) **866**, 35.
Initiative (anec) **595**, 971.
Last Lap (anec) **593**, 748.
Mine as a Tool of Limited War (C&D) **776**, 106.
Power of Command (anec) **683**, 50.
Proximity Fuze, Whose Brainchild? (Brennan) (C&D) **793**, 99.
Role of the U.S. Navy in Mine Warfare **747**, 52. **751**, 108.
Russian Mines on the Danube (C&D) **765**, 133.
Ship of Desert (anec) **601**, 255.
A Ship's a Lady (anec) **687**, 95.
Cowie, T.J. **241**, 479.
Cowles, A.H.: Aluminum Bronze for Heavy Guns **43**, 601. **44**, 235.
Cowles, W.C.: On "Naval Policy as it relates to the shore establishment." **154**, 1474.
Cowper, William: Poem, "The Loss of the Royal George" **431**, 78.
Cox, C.L. and Jones, C.A.: Naval design Engineer and limitation of armament **308**, 875.
Cox, C.W.: Time To Change (Frasier) (C&D) **828**, 106.
Cox, D.R.
"...a most successful naval visit." (C&D) **790**, 104.
Sea Power and Soviet Foreign Policy **796**, 32. **803**, 96.
Seapower and the Superpowers (Amme) (C&D) **799**, 100.
United States Navy for the Future (Smith) (C&D) **820**, 83.
Cox, D.V.: Sea Control Ship System (ProfNote) **830**, 113. **839**, 96.
Cox, Donald: Underwater Spaceships? (ProfNote) **698**, 130.
Cox, G.W.: An Alliance Initiative **861**, 44.
Cox, J.L. **484**, 874.
Cox, J.P.: Up the Ladder Down (anec) **739**, 63.
Cox, L.M.
The enlisted man's Annapolis **170**, 655.
On "An improvement in floating dry docks." **143**, 1103.
War on War **339**, 599.
Cox, Meyer **848**, 68.
Cox, O.L.: Turning into track of guide **303**, 385.
Cox, W.S.
Don't Give Up the Ship! H.D. Purcell **747**, 82. **755**, 118.
Midshipman William S. Cox, Prize Master. H.D. Purcell **800**, 78.
Scapegoat of Chesapeake-Shannon Battle **603**, 528. **614**, 453.
Coxe, L.: Matthew Fontaine Maury **261**, 1192.
Coyle, J.J.: A-7A Maintainability Program (ProfNote) **747**, 142.
Crabtree, A.B.
Diving on the Wreck of Texas Tower No. 4: **721**, 55. **732**, 112.
LTV Recovery (ProfNote) **694**, 151.
Cradock, C. **377**, 939.
Cradock, Sir Christopher: Tribute to **155**, 186.
Craig, A.E.: Navy Hydrography in Vietnam (ProfNote) **786**, 136.
Craig, E.A.
Amphibious Craft (C&D) **643**, 999.
Unforeseen Situation (anec) **681**, 33.
Craig, J.E.: Negative Reciprocal Equations **66**, 201.
Craig, J.L. Northampton (CLC-1) (NewNav) **689**, 155.
Craig, P.M.
Book Review **828**, 108.
Lexington and Saratoga, The New Beginning **802**, 84.
Craighill, R.S.: Navy University **555**, 523.
Crain, L.S.
He Kept the Second Commandant (anec) **854**, 25.
Scotch and Water (anec) **849**, 37.
That's the Army All Over (anec) **846**, 48.
Crain, Mel **627**, 591.
Hardy Youngster! (anec) **623**, 26.
Cramer, C.R.: "Get off my Back, Sir!" (Mumford) (C&D) **898**, 77.
Cramp, Chas. H.
Curves of Stability of the Daphne and Hammonia **32**, 117..
Mechanism of Modern Naval War **84**, 689.
Cramp Shipbuilding Co. **455**, 149.
Crampton, P.J.R.: Quadrant Elevation for Naval Ordnance **50**, 517.
Crandall, L.L. **458**, 553.
Crane, C.L., Jr. **518**, 580. **520**, 842. **523**, 1225. **525**, 1473.
Crane, W.M. **443**, 78.
Crane (USS): Launched **186**, 1861.
Cranes
Floating: YD-171--Hercules of the United States Navy. V.C. Honsinger **646**, 1289.
Giant crane for Norfolk navy yard **178**, 2975.
Largest floating **249**, 1915.
Largest floating crane, 1918: **181**, 635.
Navy crane ship **207**, 771. **235**, 1596.
Navy's Colossal Crane. W.R. Hughes **558**, 891.
Two electric drive pontoon cranes for U.S. Navy, (Illus) **149**, 270.
Crane Ships No. 1 (U.S.): Towing Crane Ship. R.B. Carney **430**, 1776.
Craney Island: Low Tide at Hampton Roads. Parke Rouse, Jr. **797**, 79. **802**, 113.
Crank. Repairing a Broken Crank with Wire Rope. G.W. Stivers **15**, 107.
Cranwell, J.P.
Did Japanese Win at Pearl Harbor? **496**, 661.
Sea Power and Atomic Bomb **524**, 1267. **528**, 202.
Crapo, G.R.
An Interrupted Yarn **449**, 962.
Converting commissary department of merchant vessel to that of a troop ship **190**, 2741.
Philippine fibre industry **276**, 262.
Crapski, S.: Aiming by telescopic sight compared with aiming by open sights; a physico-physiological study. Tr. from German. (Illus) **113**, 129.
Craske, Leonard (artist): Gloucester Fisherman at the Wheel--July 1970 Cover.
Craven, F.S.
Accurate measurement of torpedo ranges **164**, 1225.
Britten Bill **354**, 1127.
A Business-Machine Fitness-Report System (ProfNote) **720**, 144. **724**, 117.
C. and R. department of battleship **324**, 143.
Correction to p. 498 (SecNotes) **278**, 801.
Excellence of naval material **271**, 1573, 1740. **272**, 1961. **273**, 2164. **278**, 715.
Graphic Interpolation in Azimuth Tables **384**, 222.
How to Keep Fit On Restless Ship **473**, 927.
Modification and...Palliative for Personnel Selection Law (C&D) **247**, 1492.
Painful Development of a Professional Navy **759**, 78. **764**, 120, 121.
Perennial Fallacy (Glennon) (C&D) **699**, 124.
Promotion and natural selection **202**, 1959.
Promotion By Selection (Sims) (C&D) **381**, 1602.
Selection and Morale **402**, 1105.
War Staff Idea Afloat (C&D) **277**, 497.
We must have it **244**, 949.
Craven, J.P.: Sea Power and the Sea Bed **758**, 36.
Craven, T.A.M.
See: Old Navy, Page from.
Book Review **757**, 131.
Journal of. Chas. Belknap **44**, 119.
Notes from the Journal of. Chas. Belknap **45**, 301.
Craven, T.T. **302**, 335.
Communications **308**, 849.
Coordination in public administration **349**, 359.
Director of Naval Aviation **601**, 293.

Craven, T.T. (Cont.)
Director (Cont.)
610, 1363.
Military Coordination 348, 181.
Naval aviation 204, 181.
Naval aviation and united air service 217, 307.
Naval episode of 1899: 301, 185.
On defense of our new naval stations 104, 952.
On "Dispersion and accuracy of fire." 144, 1609.
Points in advancement of naval aviation 258, 1233.
Tactics and gunnery 171, 917.
Cravèn (USS): Launched 186, 1862.
Crawford, C.W.: Easy Way to Make Money (anec) 743, 61.
Crawford, J.L.: U.S. Navy and Foreign Merchant Shipping (SecNotes) (C&D) 835, 86.
Crawford, L.W.: Entirely Satisfactory Fitness Report (anec) 592, 619.
Creak, E.W.: On Compass Correction in Iron Ships 22, 685.
Creating a horizon. J.Y. Dreisonstok 345, 1516. 351, 795.
Creative Writing: Should Proceedings Publish Fiction and Poetry? 665, 110.
Creecy, R.B.L.: Military Applications of Atomic Energy 569, 743.
Creed, The American's. W.T. Page--February 1972 Cover 832, 101, 102. 830, 4.
Creighton, J.M. 318, 742. 325, 257. 333, 1057.
Europe since armistice 221, 1029.
On the other side of mast 321, 948.
South American Alsace-Lorraine 229, 377.
Creighton, John M. 630, 933.
Creighton, P.F. 720, 114. 725, 109.
Do You Know the Rules? (ProfNote) 653, 800.
Crenshaw, E.A., Jr. 505, 323. 556, 706. 557, 823. 590, 438.
Letter of Recommendation (anec) 549, 1407.
Limited Facilities (anec) 646, 1293.
Man on Horseback (anec) 555, 559.
Not Right Answer When Participating in Tactical Exercises (anec) 569, 751.
Official Correspondence (anec) 619, 1043. 621, 1273.
Crenshaw, R.S.
Naval Radio stations of the Panama Canal Zone 164, 1209.
Thomas Jefferson Page 248, 1661.
Crenshaw, R.S., Jr. 647, 90. 666, 106. 678, 116.
The Fleet Versus the Ballistic Missile 722, 34. 730, 121.
Musée de la Marine (Pict) 694, 90.
Why We Are Losing Our Junior Officers 648, 127. 651, 553, 554.
Crepin's painting, Battle of Delaware Bay 432, 236.
Cresap, L. 407, 105. 419, 106.
U.S. Naval Academy training 138, 447.
Crescent (Eng.) 346, 1715. 352, 923.
Cress, R.B. 698, 108. 707, 121.
Cressey, G.B. 606, 907.
Cressman, R.J.
Olympian Legacy (Alden) (C&D) 888, 83.
Shanghai Duty, 1937-38: How Bittersweet It Was (Pict) 873, 79.
Cressy (HMS): Sunk by submarine 154, 1863.
Creswell, John (BkRev) 740, 107.
Crete: Byzantine Reconquest of Crete. A.M. Shepard 462, 1121.
Crevalle (U.S.): Submarine's Cable Cutting Preparations in 1945: 680, 99.
Crew, W.H. 347, 107. 361, 416.
Academician in naval profession 354, 1110.
Piezo-electric effect 331, 805.
Researches of Prof. A.A. Michalson 323, 38.
Crews, organization aboard ship: See: organization of ship's crews.
Cricchi, J.V.
Civic Action--NSA, DaNang Style (ProfNote) 805, 118.
Shipboard Drug Abuse (Helms) (C&D) 878, 83.
Special Marine Corps Issue (Nov. 1975) (C&D) 878. 90.
Cricket (U.S.): Historic Ships of Navy. R.W. Neeser 381, 1543.
Crimean War
Bombardment of Odessa (Illus) 437, 1003. 519, 664. 548, 1224.
Crimea and Korea. J.M. Spaight 605, 753. 609, 1251.
Naval Operations of Crimean War. J.H. Sears 103, 499.
Navies in War and in Peace (Part 3). S.G. Gorshkov 853, 50.
Crimes and misdemeanors: The T-3 Incident. C.O. Holmquist 835, 44.
Crisis Management, New Tools for. Huge Ware 858, 18. (C&D): 863, 87.
Crisis Management, White House Telephone and. R.T. Loomis 802, 63.
Cristobal Colon (Sp.) 335, 70.
Criticism, Tool or Tyrant? (ProfNote). A. Coday 793, 135. 798, 109.
Criticism in Wartime. H.H. Frost 186, 1745.
Criticism of the military: Youth Wants To "No!" A.L. Wermuth 833, 50.
Criticisms of the Navy: See: R.H. Smith. U.S. Navy for the Future.
Critics, Military: Paulus' address 316, 571.
Crocker, H.
Compass Adjustment by One Swing Method 529, 326.
Magnetic Compass Adjustment by Stars 512, 1215.
Crocker Land Expedition
Arctic duty with the, illus. Fitzhugh Green 175, 1941. 176, 2193. 177, 2457. 178, 2799. 179, 75.
Members of the expedition arrive at Etah 173, 1580.
Crockett, C.I.: Island Bulwarks 445, 372.
Crocks, My Eagle-eyed, Stout-hearted. W.G. Moore 804, 58.
Croizat, V.J.
Marines in Modern War (ProfNote) 678, 134.
Military Retiree--Forgotten Firehorse 833, 63.
Naval Forces in River War 764, 52.
Stability in the Persian Gulf 845, 48.
Vietnamese Naval Forces: Origin of the Species 840. 48.
Cromie, W.J.
Creatures of the Deep 755, 76.
First American Oceanographer 734, 56.
Navy's Stake in Antarctica 788, 36.
Operation Green Turtle 766, 58.
Who Will Own the Ocean's Wealth? 743, 52. 748, 120.
Crommelin, Q.C. 538, 1511.
Cronan, W.P. 213, 1811.
Casey stories 202, 2049.
The fighting edge 137, 87.
Greatest need of the U.S. Navy; proper organization for the successful conduct of war. An estimate of the situation 164, 1137.
Military education 312, 113.
On the role of doctrine in naval warfare 156, 355.
Cronin, J.E. 484, 873.
Cronkite, E.P.: Atomic Warfare Medicine 583, 933.
Crook, C.H.: Military Aid and Comfort to Dictatorships (Victor) (C&D) 799, 115.
Crosby, E.H.: Life and death 343, 1159.
Crosby, H.A.: Case for Anti-Ballistic Missiles 773, 26. 778, 111.
Crosby, R.M. 705, 114.
Crosby, S.B.: Load-line legislation affecting American merchant vessels 325, 202.
Crosley, J.W. 436, 890.
Crosley, P.C.: The Naval ROTC (C&D) 801, 112.
Crosley, W.S.
Hydrographic Office 296, 1072.
It's a Small World 393, 1643.
Naval War College, General Board, and Office of Naval Intelligence 112, 965.
Russia 350, 569.
Some Experiences on a U.S. Naval Tug Boat 89, 65.
Cross, C.H.: Six Bells and All's Well (anec) 652, 611.
Cross, F.E. 252, 261. 354, 1199. 358, 1801. 412, 869. 423, 741. 530, 453.
Father of American navy 298, 1296.
Forgotten Island 484, 833.
Merchant marine officer training 346, 1641.
Merchant marine personnel and navy interest 239, 71.
Cross, J.G.: Motion study applied to naval gunnery 262, 1998.
Cross: In Hoc Signo--Victory! W.V. Kennedy 622, 1321.
Cross of St. George 579, 538.
Cross, R.F., III
Book Reviews 806, 107. 808, 113. 811, 89. 820, 95. 821, 99. 832, 115. 872, 103. 874, 83. 895, 100. 897, 94.
Destroyers, 1971 (NavRev) 819, 244.
Essex: More than a Ship, More than a Class (Pict) 871, 58. 876, 83.
Crossing the Line
Neptunus rex. G.F. Howell 286, 2485.
Old Tropic. A.H. Miles 326, 326.
Origin of ceremony 311, 11.
Crossing Situation. R.F. Farwell 386, 513.
Crosson, W.H. 684, 99.
Cross-staff sights. C.S. Lee 440, 1531.
Crouch, H.F.
Merchant Marine Inspection: Major Function of Coast Guard 545, 823.
So You Have to Buy a House! H.F. Crouch 535, 1077.
Well Disciplined Merchant Marine? 550, 1467. 556, 705. 557, 824. 561, 1294.
Crouse, R.L. 700, 98.
Value Engineering in Bureau of Ships (ProfNote) 693, 152.
Crowe, J.J. (Joint author): See: Waidner, C.W., Dickinson, H.A., and Crowe, J.J.
Crowell, D.C.: Agriculture and navy 284, 2067.
Crowl, P.A. 480, 260. 616, 693.
Book Review 767, 108.
Crown, J.A. 684, 110.
Crozier, W.P.: Mediterranean problems 259, 1585.
Crude Oil as Fuel 148, 1452.
Cruise Missiles
Cruise Missile: The Ship Killer. W.J. Ruhe 880, 45. 884, 94. 885, 83.
Popguns vs. Cruise Missiles (ProfNote). R.J. Quallen 881, 97.
Submarine-Launched Cruise Missile and International Law: A Response (ProfNote). Hays Parks 895, 120.
Cruisers
See also: Battlecruisers; names of vessels.
Anti-Aircraft Cruisers: Life of a Class (Pict). Norman Friedman 743, 83.
Anti-rolling gear 343, 1259.
Argentina 337, 403.
Armament 252, 312. 322, 1082. 352, 922.
Armored Cruiser. A.E. Duncan, Jr. 677,

86.
Armored Cruiser Album (Pict) **677**, 96.
Armored cruiser design, 1910: **136**, 1164.
Armored Cruiser--Past and Present. A.E. Sokol **465**, 1544.
Australia **344**, 1417.
Austrian cruisers, 1914: **149**, 191.
Battle Cruiser Era (Pict). Frank Uhlig, Jr. **656**, 1106.
Battle Cruisers as Passenger Steamers (ProfNote) **227**, 124.
Battle Cruisers Could Be Made Into Fastest Liners (ProfNote) **228**, 301.
Battlecruisers Into Airplane Carriers, Conversion of (ProfNote) **231**, 824.
Brazil: Bahia and Rio Grand do Sul **284**, 2122.
British cruisers of 1907: **122**, 861.
USS Brooklyn (Pict). John Alden **758**, 112.
Building, Continuous, necessary **343**, 1293.
Changes in British cruiser armament **110**, 462.
USS Chicago (Pict) **874**, 68.
Chile **347**, 122.
Commerce Destruction--Past and Future. F. Pratt **381**, 1513. **384**, 251. **386**, 553. **393**, 1691.
The Cruiser. William Webster **278**, 607. **280**, 1175.
Cruiser, Trophy, Legend. W.L. Marshall **679**, 82.
Cruiser Actions to be short (ProfNote) **345**, 1567.
Cruiser for the United States Navy, On a Proposed Type of. J.C. Soley **5**, 127.
Cruiser Problem. F.G. Percival **327**, 387.
Cruiser Program
D.W. Knox **300**, 151.
L.A. Kniskers **343**, 1229. **346**, 1710.
Cruiser Types. F.G. Percival **289**, 278. **293**, 798. **305**, 595.
Cruiser quotas at 1935 conference. F.G. Percival **337**, 373.
Cruisers and Gun-power (ProfNote) **317**, 628.
Cruisers in U.S. Navy. F.E. Duddy, Jr. (Pict) **589**, 305.
Cruisers of the Italian Navy--Andrea Doria, Caio Duilio, and Vittorio Veneto (ProfNote). Ubaldo Garagnani **788**, 138.
Cruisers--Ships With a Future (ProfNote). J.R. Blackburn **657**, 1243.
Design **263**, 149. **303**, 417. **333**, 1039. **346**, 1710. **349**, 427.
Diesel vs. Steam: Comparison for 5,000-Ton Cruiser. A.M. Chambliss **429**, 1577.
Editorial Comment **289**, 389. **293**, 802. **346**, 1747.
Eight-Inch Gun Cruiser (ProfNote). R.F. Rockwell **803**, 119. **808**. 109.
Few Ideas of a Cruiser Skipper. P.D. Gallery **629**, 784.
First Cruiser Campaign [67 B.C.] Fletcher Pratt **328**, 521.
Fleet Air Defense--Vital New Role of the Cruiser. R.S. Benson **664**, 47.
Flying-deck: Airmada. W.A. Moffett, Jr. **455**, 73.
Flying Deck Cruiser. J.A. Collett **381**, 1545.
France **245**, 1182, 1184. **249**, 1896. **257**, 1146. **258**, 1326. **269**, 1260. **274**, 2355. **280**, 1189, 1193. **283**, 1818. **286**, 2554. **325**, 239. **326**, 341. **328**, 545. **344**, 1412, 1417. **346**, 1717.
Future Cruisers. F.G. Percival **456**, 163. **458**, 554.
Future of the Battle Cruiser (ProfNote) **277**, 507.
Germany **299**, 61. **303**, 400. **323**, 60. **327**, 403. **339**, 681. **341**, 975. **342**, 1044, 1110. **347**, 126.
German cruiser Von der Tann, world's fastest cruiser, 1910: **136**, 1157.
German cruisers of 1907: **124**, 1517.
German light cruisers, 1918: **188**, 2363.
German minelaying cruisers, 1918: **196**, 1029.
Last Battle Cruiser (C&D). V.L. Collins **765**, 134. **774**, 108.
Prinz Eugen Album (Pict). P.S. Schmalenbach and J.E. Wise, Jr. **798**, 87, 148. **802**, 111. (C&D) **804**, 90.
Great Britain **211**, 1512. **228**, 281. **249**, 1886. **255**, 799. **273**, 2176, 2180. **279**, 936. **283**, 1806. **298**, 1322. **301**, 222. **307**, 787. **312**, 173. **314**, 326. **321**, 987. **323**, 57. **325**, 237. **328**, 544. **329**, 646. **330**, 754. **337**, 396. **341**, 879, 881. **342**, 1110. **343**, 1263. **344**, 1411, 1416. **345**, 1573, 1574. **346**, 1709, 1715, 1716. **347**, 124, 125. **348**, 290. **349**, 429. **350**, 613, 614. **351**, 764, 766. **352**, 922, 923. **353**, 1068, 1070, 1072. **354**, 1220, 1225. **356**, 1522, 1524. **357**, 1673, 1674, 1684. **358**, 1825, 1827.
Guided Missile Cruisers
Cruiser, Columbus to Atlantic (Nbk) **754**, 157.
Naval Clean Sweep (Nbk) **724**, 154.
H-Type Pocket Battle Cruisers. G.H. Hoffmann **390**, 1096. **393**, 1694.
Italy **255**, 851. **265**, 504. **270**, 1508. **330**, 755. **333**, 1041. **337**, 402. **339**, 681. **343**, 1262. **344**, 1414. **345**, 1574. **346**, 1717. **348**, 291.
Japan **241**, 493. **244**, 1020. **248**, 1719. **279**, 969. **282**, 1602. **297**, 1222. **325**, 239. **329**, 646. **335**, 114. **337**, 400. **341**, 974. **342**, 1110. **344**, 1418.
Heavy Cruisers in War. W.S. Howard **567**, 533.
Mogamis: Cheat Cruisers Extraordinary. W.S. Howard **561**, 1229.
Sinking the Haguro. H.E. Horan **683**, 39.
Light cruisers. H.S. Howard **283**, 1733, 1780. **286**, 2517.
Mistakes in Treaty Cruisers **347**, 114.
Modern protected cruisers, 1910: **136**, 1166.
New Battle Cruisers. F.R. Uhlig, Jr. **551**, 33.
New Dutch cruisers, 1918: **183**, 1070.
USS Newport News: The Last Heavy Cruiser (Pict) **869**, 58. (C&D) **877**, 125.
New Soviet Cruiser Nikolaev (Nbk) **846**, 122. **850**, 91.
New U.S. Electrically-Propelled Warships (ProfNote) **209**, 1125.
On Light Cruiser during war. G. von Koblinski **335**, 33. **337**, 389.
Our New Cruisers (Plans, Description)--Chicago, Boston, Atlanta and Dolphin. F.T. Bowles **26**, 595.
Possibilities of Diesel-engined 10,000-ton Cruiser. A.M. Procter **328**, 505. **331**, 846.
Russia: Soviet Cruisers (ProfNote). C.P. Lemieux **700**, 124.
Small Cruiser. F.G. Percival **387**, 641.
Smaller advocated **347**, 115. **350**, 613.
Spain **328**, 548. **335**, 70. **337**, 403. **339**, 711. **342**, 1110. **355**, 1378.
Speed **284**, 2090. **307**, 787. **313**, 236.
Speed Characteristics of Treaty Cruisers. W.P. Hughes, Jr. **600**, 183. **603**, 559. **611**, 89.
Speed of cruisers. C. Rougeron (Tr.). R.T. Hanson **344**, 1331. **345**, 1557.
Stern-post defects **344**, 1416.
Straight and hybrid cruisers. M.E. Prendergast **346**, 1710.
Strength of Nations **279**, 1028. **309**, 1001. **314**, 362.
Sweden **325**, 203.
Big Little Fighting Vessels. C.J. Lamb **325**, 204.
Tactically Logical Cruiser for Modern War. P.M. Stanford **478**, 1698. **481**, 409.
Ten-thousand-tonners **349**, 427.
Treaty Cruisers. E.S.R. Brandt **343**, 1163. **346**, 1708.
Turkey **335**, 114. **351**, 701, 795.
Types **256**, 979. **260**, 1706. **270**, 1499. **289**, 278, 349, 352. **293**, 798. **305**, 595. **308**, 907. **315**, 449. **345**, 1579. **346**, 1710.
Types and Tactics. B. Livingston **433**, 311.
United States **289**, 342. **290**, 516. **311**, 70. **314**, 332, 451. **318**, 716. **325**, 206, 232. **329**, 646. **330**, 752. **335**, 69. **336**, 247. **337**, 399. **338**, 536. **341**, 871, 878, 881, 967, 970. **344**, 1416. **345**, 1573. **346**, 1715. **347**, 123, 149. **348**, 289. **349**, 425. **350**, 612. **351**, 762. **352**, 919. **353**, 1011, 1068. **354**, 1220. **357**, 1673. **358**, 1824.
Value **254**, 637. **297**, 1219. **303**, 417. **338**, 437. **339**, 673. **340**, 817. **346**, 1710.
Versus airships **328**, 543.
USS Virginia (CGN-38) (Pict). Robert de Gast **894**, 95.
USS Virginia (CGN-38) (ProfNote). G.W. Davis, Jr. **894**, 85.
The Virginia's Combat System Department (ProfNote). G.N. Maddox **894**, 90.
Wardroom Mess, Running. W.J. Lederer **429**, 1567.
Warships of the Future (ProfNote) **273**, 2209.
Water-line Defense and Gun-shields of. N.B. Clark **27**, 713.
Cruises
Captain of "Whip." C.A. Ferriter **477**, 1567.
Cavite to Portsmouth, Cruise of the USS Wilmington. L.P. Treadwell **257**, 1082.
Cruise of USS Iroquois, 1889-90: R.B. Carney **433**, 351. **436**, 933.
Cruise Through the First Academic Journal. M.S. Tisdale **253**, 352.
The first naval training cruise: its accomplishment and its portent. W.B. Tardy **169**, 505.
Last Cruise of U.S. Brig Argus. W.E. Apgar **435**, 653.
Midshipmen's Foreign Exchange Cruises. H.L.B. Wilder **824**, 50.
Tropical Cruise. R. Willson **520**, 807. **536**, 1238.
Vincennes (U.S.)
First Time Around. F.M. Van Natter **529**, 317.
World Traveler of Old Navy. L.H. Bolander **400**, 825.
Crumpacker, J.W.: Supplying Fleet for 150 Years **508**, 705.
Crusader, RF-8A over the Alps: See: Cover Pictures--May 1963.
Crusader (England) **337**, 398. **344**, 1416. **346**, 1715. **351**, 766. **352**, 923. **354**, 1221.
Crusader Ship
See: Cover Pictures--December 1958.
See also: Old Navy, Page from.
Crux (motor ship) **249**, 1912.
Cryptograms: See: Ciphers.
Cryptography
Book Review **342**, 1138.
Room 40, Whitehall **347**, 116.
Cuba
Adventure in diplomacy. D.W. Knox **276**, 273.
Claims against, in U.S. Senate **321**, 1008.
Cuban Exodus. W.F. Cass **760**, 46. **773**, 108.
Cuban revolt, February 1917: **169**, 624.

Cuba (Cont.)
Cuba's Place in U.S. Naval Strategy. A.M. Wilcox **718**, 39.
Domestic affairs **336**, 275. **344**, 1156, 1430. **353**, 1055.
Gitmo—Vestige of Americana in Cuba (ProfNote). L.D. Bender **850**, 114.
Guantanamo Bay, How the Navy Won. H.P. McNeal **604**, 615.
Havana Episode. F.L. Oliver **596**, 1099.
Isle of Pines **267**, 881.
Revision World Court statute opposed **333**, 1053.
R_x: Quarantine. A.J. Valentine **723**, 38.
Revolution **434**, 551.
Skipper of the Eagle: Rehearsal for Greatness. J.H. Clagett **878**, 58.
Soviet Submarine Visits to Cuba. B.M. Blechman and S.E. Levinson **871**, 30.
Cuba—October 1962 Crisis
Clausewitz, Cuba, and Command. P.R. Schratz **738**, 24.
Soviet Reporting of the Cuban Crisis. J.C. Pedersen **752**, 54.
Cuban Ports, Notes on. Asa Walker **94**, 333.
Cubberly, N.G.: Not Time Enough (anec) **619**, 1021.
Cubore (SS): Torpedoed **188**, 2456.
Culbertson, R.K.: Naval Air Training: A Change Is Needed (Wright) (C&D) **813**, 84. **827**, 83.
Cullins, T.O. **489**, 1484. **491**, 68.
Culliton, W.F.: Precision Equipment (anec) **719**, 111.
Cultural misunderstandings: What Are You Up To, Sergei? K.J. Bauer **862**, 32.
Culver, E.: Samoan Hurricane **301**, 253.
Culver, J.A.
For the Reserves: A Workable System (Boschen) (C&D) **828**, 103.
Merchant Marine—Awash in Manpower Problems (Miller) (C&D) **851**, 82. **858**, 85.
A Time for Victories **888**, 50. **895**, 87.
Cumberland (HMS): Trials **108**, 988.
Cumberland (USS) **232**, 863.
Commissioned as a training ship **123**, 1309.
Cumming, J.W.W.: Our petty officers **337**, 350.
Cummings, D.E. **262**, 2061. **322**, 1101. **352**, 902. **400**, 866. **487**, 1237. **595**, 1025. **603**, 559.
Aircraft in naval warfare **225**, 1677.
Air detachment **208**, 891.
And Keep Our Powder Dry **507**, 555.
Aviation or Naval Aviation: Which? **204**, 177.
Director Looks at Naval Reserve **434**, 508.
Enlisted Training in the Navy **320**, 878. 1929: **848**, 84.
Instruction of Petty Officers **181**, 561.
Personnel management in the Navy **254**, 589.
Preface to Freedom of Seas **374**, 486.
Sally Battle Stations (anec) **623**, 49.
Search for Bodies **491**, 11. **494**, 441.
Southern Voice, Western Ears (anec) **544**, 699.
Cummings, E.J., Jr.: Chinese Communist Navy **739**, 64.
Cummings, J.D.
Professional Officer Educators (C&D) **768**, 118. **771**, 121.
Submarine's Long Shadow (C&D) **760**, 117.
Cummings (USS) **258**, 1344.
Cummins, D.E.
Radial Double Hang Recovery Method (C&D) **794**, 117. **799**, 111.
Refueling at Sea (Cover) (C&D) **817**, 91.
These Dirty Ships of Ours (C&D) **857**, 102. **862**, 85.
Cunha, G.M. **572**, 1141. **578**, 426.
Cunniberti, Vittorio: All torpedoes! Tr. by Thomas Withers, Jr. **149**, 27.
Cunningham, A.B. **591**, 553.
Taranto—"ABC" Copenhagens Enemy. F.C. Acker **534**, 907.
Cunningham, A.C.
Development of the Norfolk Navy Yard, maps **133**, 221.
An improvement in floating dry docks **142**, 551.
The movable base **109**, 181.
On "An improvement in floating dry docks" **144**, 1616.
Sabre and bayonet, illus. **120**, 1213. **121**, 383.
Cunningham, F.N.: Bridge Etiquette (anec) **652**, 597.
Cunningham, G.M.: Optical Masers for Space Navigation (ProfNote) **716**, 136.
Cunningham, Gustavus: Malo, H., American privateers **139**, 938.
Cunningham, J.C.: Navy's Part in Fur Seal Industry **396**, 236. **398**, 563.
Cunningham, Richard W.: The New Uniforms: Who Wants Them? (Adams) (C&D) **875**, 68.
Curacao (Gr. Br.) **353**, 1070.
Curcio, F.A.: Syria Beefs Up Airpower (Nbk) (C&D) **865**, 82.
Curie (FN) **201**, 1908.
Curl, K.W. **769**, 110, 111. **772**, 107.
Not Too Near—Not Too Far (ProfNote) **765**, 157.
Curley, R.C.: Separate but Equal Opportunity (Van Saun) (C&D) **871**, 77.
Curran, F.M.
From Shakedown to Showdown **438**, 1141.
It Won't Happen This Time **455**, 56.
Midshipman—U.S. Naval Reserve **454**, 1741.
Naval Reservist's Impressions of Shakedown Cruise **434**, 563.
Some Men Ask No Odds **440**, 1428.
Tales of North Atlantic Gales **501**, 1357.
Currents
Determination of **38**, 449.
Divers Discover Current at 700 Feet (Nbk) **787**, 158.
Rip Tides Are Dangerous Currents (Nbk) **785**, 149.
Currie, E.A., Jr. **661**, 101.
Curtis, Charles G.: Marine applications of the Curtis steam turbine **116**, 1021.
Curtis, Glenn H.: See: Chambers, W.I. **137**, 200.
Curtis, H.D.: Navigation Near Pole **431**, 9.
Curtis, J.J.M.: Quarterback for the Helo ASW Team (ProfNote) **859**, 119.
Curtis, L.R.: Wacco, America! **514**, 1449.
Curtiss, A.R. **690**, 117.
Curtiss, G. **362**, 547. **373**, 312.
Curtiss (U.S.): See: Cover Pictures—April 1955.
Curtis Turbine
See also: Turbines.
Efficiency of **106**, 501. **107**, 774.
Japan adopts Curtis turbines **126**, 732.
Marine applications of Curtis steam turbine. C.G. Curtis **116**, 1021.
Curtsinger, W.R. (photog.)
F-4 Phantom—September 1970 Cover.
R/V Hero—Assignment: Antarctic (Pict) **816**, 56.
Hero in the Antarctic—February 1971 Cover.
Curtsinger, William (photog.): Hero's dory at work—March 1970 Cover.
Curves: Determining the Inclination of Non-Algebraic Curves from their Ordinates. D.W. Taylor **59**, 533.
Curves of Stability
C.M. Chester **24**, 257.
of the Daphne and Hammonia. Chas. H. Cramp **32**, 117.
Cushing, W.B.
Picnic with Cushing. G. Howell **402**, 1098.
Portraits **129**, 145. **142**, 397. **143**, 913.
Stewart, C.W., William Barker Cushing **142**, 425. **143**, 913.
War experience of W.B. Cushing as told by himself **143**, 941.
Cushing (SS)
Attacked by German biplane **157**, 988.
U.S. Note to Germany regarding Cushing and Gulflight **158**, 1347.
Cushing (USS)
How the Cushing towed the Murray. P.W. Hains **212**, 1619.
Launched **156**, 546.
Cushman, A.D., Jr.: The RO/RO Jet Ship Callaghan (ProfNote) **789**, 134.
Cushman, R.E., Jr. **556**, 711.
Amphibious Warfare: Naval Weapon of Future **541**, 301.
Book Review **756**, 118. **762**, 128.
To the Limit of Our Vision and Back (NavRev) **855**, 108. **859**, 92.
Custance, R.: Freedom of Seas **201**, 1851. **203**, 95.
Custer, B.S.
582, 891. **588**, 205. **591**, 563. **611**, 101. **620**, 1169. **637**, 333. **660**, 114. **674**, 114. **689**, 104. **696**, 115.
Book Review **753**, 129.
Portrait of Progressive: Lord Fisher, Admiral of Fleet **529**, 255.
Naval Aviation and Numbers Racket **423**, 714.
Custin, J.N. **646**, 1329. **663**, 112. **708**, 115.
Piracy—A Modern Conspectus (C&D) **754**, 121.
Custis, D.L.: Survival of Navy Medicine **858**, 35. **862**, 81. (C&D): **864**, 84. **865**, 73.
Customs, The First Federal. R.P. Vance **877**, 46.
Customs, Traditions and Usage
The Bell Tolls for Him (OldNav). W.H. Gridley **864**, 74.
Collateral Duty: CCO (C&D) **771**, 117.
Fractured Regulations, Customs, and Traditions (ProfNote). L.M. Moore **761**, 142.
Genesis [of saluting flag] (OldNav). E.K. Thompson **876**, 70.
Navy Social Calls (C&D) **864**, 85. **868**, 83, 84. **871**, 80.
A Question of Values (C&D) **861**, 93.
What's It Like in a Wet Ship? R.E. Goodspeed **740**, 42. **743**, 104.
Customs of the service: See: Naval traditions and customs.
Cutbush, E.: Naval Surgeon Pioneer. L.F.S. Horan **555**, 573.
Cutler-Hammer turret gear: Cutler-Hammer Mfg. Co.'s differential system of turret training gear, illus. W.H.G. Bullard **134**, 543.
Cutter, C.N. **545**, 893.
Cutting, J.R. **497**, 898. **539**, 88.
Cuttlefish (USS) **338**, 536. **342**, 1118. **374**, 588. **376**, 854. **379**, 1308.
CVA.01 (Gr. Br.): Phantom Carrier (ProfNote). E.M. Brown **768**, 138.
CV-ASW Operations: The "CV:" Capable Vigilance of Continued Vulnerability (ProfNote). J.T. Coogan, Jr. **829**, 117.
Cyane (HMS): Log of the Constitution. Feb. 21-24, 1815: Capture of the Cyane and the Levant. C.W. Fisher **168**, 227.
Cyane, The Cruise of the USS. S.F. Dupont **21**, 419.
Cyclic System, Canadian. Seymour Dombroff **779**, 64. **784**, 112, 113.
Cyclops (airplane) **286**, 2601.
Cyclops (U.S.) **203**, 55. **206**, 603. **247**, 1569. **311**, 50. **377**, 952. **411**, 634. **797**, 148.
Disappearance of **183**, 1138, 1140.
Navy Returning to Sunken Hulk Believed to be Cyclops (Nbk) **847**, 119. **861**,

99.
Cygnet (Gr. Br.) **346**, 1715. **351**, 766. **352**, 923.
Cyprus
Annexed by Great Britain, Nov. 1914: **155**, 236.
Cyprus Bastion. L. Leopold, Jr. **589**, 257.
Invasion of: Vertical Assault: The Proof is in the Doing (ProfNote). P.L. Townsend **897**, 117.
Czar, The Bomb that Kill the **16**, 187.
Czechoslovakia
Recognized by Great Britain **187**, 2245.
Recognized by U.S. **188**, 2500.
Republic Organized **192**, 301.
Tanks of August 1968. William Kotsch **795**, 86. **800**, 103.

D

D-5 (British Submarine)
Reported sunk by German cruiser **154**, 1873.
Reported sunk by mine **155**, 247.
Dabros, W.J.: Credibility of the Deterrent and Its Implications for NATO **749**, 26.
Dace (U.S.): Battle Stations Submerged. R.C. Benitez **539**, 25.
Dacia (SS)
The Dacia case **156**, 612.
Final decision in Dacia case **159**, 1709.
Dacis: Dilemma. R. Wainwright **270**, 1452.
Daddy of 'em all. W.E. Brown **260**, 1687.
Daggfeldt, Bertil: For a Very Good Reason (anec) **755**, 65.
Dagle, Dan: Mobile Riverine Force, Vietnam (ProfNote) **791**, 126.
Dagmar (Nor.) **839**, 82.
Dague (French destroyer)
Description; illustration **144**, 1627.
Loss of the Dague **156**, 656.
Dahl, G.M.: "Blank" torpedo shooting **110**, 389.
Dahl, Michael (artist). Admiral Sir Cloudesley Shovel--February 1967 Cover.
Dahlgren, J.A. **411**, 655.
Dahlgren, John Adolphus. R. Earle **265**, 424.
Dahlgren, J.F.: Historic parallel of interest **352**, 890.
Dahlgren, Virginia, U.S. Naval Weapons Laboratory (Pict) **788**, 89.
Dailey, C.: Japan a 2d-rate power **252**, 285.
Dailey, W.R.: The Never-Never Sea (Luehring) (C&D) **808**, 110.
Daily System Operability Test: Digital DSOT--A New Method of Operability Testing (ProfNote). T.R. Foard **793**, 143.
Dainty (England) **337**, 398. **353**, 1071. **355**, 1370, 1372. **357**, 1675.
Dakos, D.P.
Nation's Safety Valve **665**, 67.
Seagoing Service Stations **656**, 1098.
Dale, G.F. **435**, 727. **443**, 100. **537**, 1380. **539**, 82. **542**, 485. **650**, 445.
Dale, Henry: New U.S. Motor Gunboats (ProfNote) **769**, 135.
Daley, L.T.
Full Speed Ahead! (anec) **813**, 57.
Oh, Pardon Me, Sir (anec) **818**, 33.
Territorial Imperative (anec) **826**, 43.
The Younger Generation (anec) **799**, 87.
Daley, R.F.: Attack on Quallah-Battoo **605**, 767.
Dalla Mura, Bart (co-author): See: W.E. Meyer.
Dallas, Alexander J.: Portrait **174**, 1727.
Dallas (U.S.): Portrait of Proficiency: USCGC Dallas (WHEC-716) (ProfNote). S.A. Sup **792**, 137. **797**, 112.
Dalmatia
American Naval Mission in Adriatic, 1918-1921. A.C. Davidonis **503**, 41.
Armistice days in Adriatic. R.S. Field **333**, 961.
Italy's claims on Dalmatia, 1915: **157**, 999.
Spalato. R.S. Field **267**, 775.
Dalton, A.C.: Merchant Marine **284**, 2070. **296**, 1065.
Daly, F.T.
Career Officer as Existential Hero (Deininger) (C&D) **824**, 96.
Communist China--Growing Seapower? (Herrick) (C&D) **832**, 106.
Future for the Destroyer? (Ruhe) (C&D) **837**, 93.
Image of Command (Edwards) (C&D) **815**, 88.
Objective Was a Volunteer Army (Alger) (C&D) **809**, 107.
What Shall We Wear? (Schulze) (C&D) **829**, 108.
Daly, J.H., III
The Attack Helicopter (Cook) (C&D) **841**, 101.
Israeli Game Plan: Send in the Reserves (ProfNote) **862**, 106.
Daly, R.W. **552**, 228. **559**, 1057, 1062. **566**, 444. **594**, 915. **641**, 763. **669**, 116. **695**, 120.
Book Review **861**, 108. **865**, 79.
Collingwood--Frustrated Fighter **428**, 1408.
Did We Lose the Korean War? **700**, 33.
First Steps into Principles of War **615**, 539.
Joe Fyffe--Officer and Gentleman **638**, 417.
Napoleon's First Defeat **442**, 1727.
Operations of Russian Navy During French Revolution and Empire, 1795-1801: **531**, 555. **535**, 1107.
Pay and Prize Money in Old Navy, 1776-1899: **546**, 967.
Revenue Cutters in Quasi-War with France **478**, 1713.
Richard Somers **547**, 1139.
Russia's Ancient Ally, the Sea **834**, 60.
Soviet Naval Activities--1970 (NavRev) **819**, 285.
Dalziel, John: Soviet Maritime Establishment (C&D) **745**, 109.
Damage Control
1930: R.B. Carney **848**, 86.
1930 Repr., (C&D) **852**, 89.
Damage Control: Before, Not After. C.F. Fischer, II: **830**, 44. **836**, 94. **838**, 93.
Damage Control, Engineering and (C&D) **836**, 95.
Damage control. R.B. Carney **329**, 623.
Damage Control, Ready or Not. P.C. Simon **767**, 33. **771**, 120. **774**, 104.
Damage Control Is Fun. J.P. Domenech **489**, 1467.
Damage Control School. R.D. Heinl, Jr. **457**, 382.
Destroyer Officer and Damage Control (ProfNote). W.C. Hamm **705**, 140.
First Lieutenant: Liability to Ship. C.J. Heath **500**, 1235.
Lo! The "Poor Janitor" Thinks. E.J. Fahy **395**, 31. **398**, 562. **401**, 1037.
Training: Sink the Old Buttercups (ProfNote). Merice Nelles **892**, 106.
"Wrinkle" in Damage Control. J.R. Bodler **509**, 830.
Damage from Bombs: The Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
D'Amato, C.R. (BkRev) **866**, 92.
Dam Neck, Virginia: Me and My Dam Neck. P.D. Gallery **814**, 52. **821**, 93.
Damn the torpedoes **327**, 377.
Dampier, W.: Mr. Dampier Also Went to Guam--In 1686. W.T. Pickering **510**, 931.
DaNang, Development of port of **819**, 163.
Danckwortt, T.B.: Diesel Progress of Small Marine and Auxiliary Engines **415**, 1261. **418**, 1785. **419**, 104.
Danenhower, J.W.: The Polar Question **35**, 633.
Dangers at Sea, Devices for Lessening. R.B. Forbes **14**, 395.
Daniel, J.H.: Worlds Apart (Edelstein) (C&D) **849**, 95.
Daniel J. Morrell (U.S.): Morrell Wreckage to be Photographed (Nbk) **770**, 154.
Daniels, J.: Josephus Daniels and Naval Oil Reserves. J.L. Bates **600**, 171.
Daniels, J.F.: Metallography, the latest aid in inspecting metals, illus. **152**, 1075.
Daniels, R.E.: Indoctrinating civilians in naval defense **261**, 1854.
Danis, A.L. **448**, 872.
Offensive ASW: Fundamental to Defense **652**, 583. **656**, 1117.
Danis, A.L., Jr.: Boats and Flying Boats (ProfNote) **644**, 1115.
Danish celebration of Fourth of July: Aalborg: An Unusual Fourth of July (ProfNote). R.W. Stubbe **845**, 112.
Danish West Indies
See also: Saint Thomas, and photograph **171**, 1073.
Formal transfer of the islands to U.S. **171**, 1095.
Strategic value of **102**, 383.
Treaty for the purchase of Danish West Indies by U.S. **165**, 1727.
D'Annunzio, G. **216**, 291.
Dante Alighieri (Italian battleship)
Armament of **141**, 333.
Description **134**, 617.
Description, illustration **144**, 1655, 1656.
Gun trials **145**, 381.
Illustration; description plans **146**, 856.
Launched, description **136**, 1171.
Danton, J.P.: Battle of Philippine Sea **511**, 1023.
Danton (FN) **339**, 632.
Description **122**, 847.
Launched, description **131**, 952.
Loss of the Danton **171**, 1077.
Dantzler, H.L., Jr.: Oil Pollution--Carelessness or Crime? (Butler) (C&D) **844**, 95.
Dar, E.H.: Australia's Defense Policies and the Asian Point of View **826**, 56.
Daragan, D. **672**, 117. **675**, 101. **690**, 114.
Art of Navigation (ProfNote) **691**, 134.
Identification of Ships in Fog With Radar and Radiotelephone (ProfNote) **688**, 148. **693**, 111.
Relative Bearing Navigation (C&D) **786**, 115.
Vital Goal--A Workable Navy (C&D) **754**, 119.
Volga Boatman (anec) **669**, 75.
Darby, F.G.: Olympian Legacy (Alden) (C&D) **888**, 83.
Dardalet self-locking screw thread **333**, 1045.
Dardanelles
Danger Clouds Over. J.B. Penfold **530**, 391.
Puleston's Dardanelles expedition **282**, 1666. **283**, 1793, 1905.
Question of straits **240**, 369.
Ships vs. forts--Dardanelles. D.D. Mercer **356**, 1453.
Strategy and logistics of Dardanelles campaign. W.S. Anderson **245**, 1127.
Dardanelles Campaign
Bombardment of the Dardanelles, map **157**, 1015.
British withdrawal from Gallipoli **161**, 314.
Cost of the Dardanelles fiasco **161**, 314.
Dardanelles question. G.J.B. Fisher **375**, 732.
Dardanelles operations, 1915: **160**, 2142.
Evacuation of Gallipoli: Sir C.C.

Dardanelles Campaign (Cont.)
Evacuation (Cont.)
Monro's account **157**, 1051.
Errors **204**, 274.
Failure at Gallipoli. E.P. Jessop **384**, 191.
Forcing of the Dardanelles, 1915, map **156**, 656.
Gallipoli revisited **358**, 1826.
Naval losses in Sea of Marmora **161**, 317.
Notes on Dardanelles campaign. S. Miles **268**, 1027.
Official dispatch of Admiral de Robeck on the landing at Gallipoli **159**, 1750.
Operations at the Dardanelles, July 1915: **158**, 1377.
Puleston, Churchill, and Dardanelles **360**, 263. **364**, 883. **369**, 1627.
Report of the Dardanelles commission **171**, 999.
Sir Ian Hamilton on the Gallipoli operations, map **159**, 1736.
Darden, T.F. **692**, 116.
Darden, W.A. **532**, 722.
Darden, W.M. **593**, 801.
Dare, J.A. **656**, 1117.
Dominican Diary **754**, 36.
Roll Stabilization and Steering (ProfNote) **658**, 1373.
Dar es Salaam, HMS Centaur at. D.K. Hankinson **801**, 57. **806**, 101.
Darien naval radio station: See: Crenshaw, R.S. **164**, 1209.
Darien nee La Marea (SS) **331**, 864.
Daring (Eng.) **337**, 398. **352**, 923. **353**, 1071. **355**, 1372. **357**, 1675.
Darlan, The Unknown. Russell Brooks **630**, 879.
Darley, R.G.: Law, Discipline, and Justice **847**, 36.
Darling, T. (Joint author): See: Stokes, C.R.
Dar Pomorza (Pol.) **852**, 48.
Darrieus, Gabriel: War on the Sea: strategy and tactics. Tr. by P.R. Alger **125**, 97. **126**, 429. **128**, 821.
Darter (U.S.): Battle Stations Submerged. R.C. Benitez **539**, 25.
Dartmouth, Britannia Royal Naval College at: See: J. Stewart. Officers of the Royal Navy.
Dartmouth (HMS): Trials, description **139**, 1055.
Das, Nalini: United States Navy for the Future (Smith) (C&D) **830**, 93.
Das, Mrs. Nalini: Expansion of the Military Mind (Jesse) (C&D) **863**, 83.
DASH (Drone Antisubmarine Helicopter): See: Aviation--Aircraft.
Dashiell, P.J.
Memorial **416**, 1526.
Paul Joseph Dashiell, Ph.D. J.C. Gray **426**, 1143.
Dashiell, R.B.: Report on the Test of a 14-inch Nickel-steel Harveyed Armor Plate **65**, 117.
Dastugue, P.F.: Stop the Start Watches (anec) **637**, 289.
Dater, H.M. **685**, 116.
Aviation and Sea Power **614**, 427.
Evolution of Antarctic Logistics (Pict) **763**, 98.
Dato, E.: Assassinated **218**, 632.
Dauber, J.G.: Give Us the Green Light (anec) **731**, 61.
Daubin, F.A. **668**, 105.
Cruise of American Unterseeboot 111 **649**, 259.
The Fleet submarine **166**, 1815.
Practical navigation **348**, 261.
Daudignac (French general): Realities of battle: weaknesses, heroisms, panics. Tr. by W.W. Gilbert **124**, 1403.
Dauntless (Eng.) **346**, 1716. **347**, 125.
Daveluy, René
Conquest of territory overseas. Tr. by H.S. Knapp **127**, 957.
Genius of naval warfare; tactics **135**, 753. **136**, 991.
Maritime aviation. Tr. by G.M. Baum **147**, 1097.
Study of naval strategy. Tr. by P.R. Alger **131**, 903. **132**, 1057. **133**, 126. **134**, 393.
Davenport, M.: Excellent Ships of Bombay (Windas) (C&D) **842**, 91.
Davenport, R.W.: Gun Forgings and Armor Plate in the United States **68**, 485.
Davenport, S.J. **720**, 118.
Davenport, W.R.: Naval Aviation Museum at Pensacola (ProfNote) **782**, 122.
David, W.G.
Our Merchant Marine: the Causes of its Decline **19**, 151.
Treaty of Commerce and Amity--United States and Korea, 1882: **473**, 949.
David (C.S. submarine): Log of the C.S. Submarine. W.E. Beard **165**, 1553.
Davidonis, A.C.: American Naval Mission in Adriatic, 1918-1921: **503**, 41.
Davids of sea. L.S. Palen **310**, 1035.
Davidson, J.H.
Aspects of air defense **279**, 948.
Imperial defense and coordination of services **279**, 938.
Davidson, P. **537**, 1381.
Davidson, W.C.: Operations in North China **96**, 637.
Davies, T.D. **408**, 251.
Impact of Technology on Strategy (Hayward) (C&D) **839**, 86.
DaVinci, Leonardo: Way of Saving Oneself in a Tempest or Shipwreck at Sea (anec) **760**, 99.
Davis, A.B. **680**, 103.
Old Song--New Verse **669**, 30.
Davis, Burt, Jr.: Stand By to Execute (anec) **674**, 72.
Davis, C.A. **256**, 878.
Davis, C.H.: Portrait **185**, 1527.
Davis, C.J.: The Study Business (C&D) **777**, 110.
Davis, Cleland
Modern Armor **99**, 551.
Perforation of Face-hardened Armor **82**, 283.
Davis, E.C.
Back From the Bottom (Bartels) (C&D) **829**, 102.
Blue Water Monitor (Knowles) (C&D) **847**, 93.
Towards a Rational Use of the Oceans (Charlier & Vigneaux) (C&D) **859**, 99.
Davis, E.J.: Endurance Swimming **436**, 819.
Davis, F.R. **587**, 88.
Davis, G.E. **437**, 1038.
Why Limp? **365**, 988.
Davis, G.S., Jr.: Learning With a Neighbor (ProfNote) **643**, 1013.
Davis, G.W., Jr.: USS Virginia (CGN-38) (ProfNote) **894**, 85.
Davis, H.F.D. **350**, 589.
ABC's of propellers **336**, 228.
Building Major Combatant Ships in World War II: **531**, 565.
Building U.S. Submarines in World War II: **521**, 933.
Effect of order to increase speed **340**, 757.
History of screw propeller **338**, 485.
What is the matter with operating engineering **211**, 1430.
Davis, Henry C.
Advance base training **137**, 95.
Building programs and naval bases **162**, 461.
Logistics; its influence upon conduct of war and...preparation of plans **171**, 941.
Mobile artillery in advance bases **144**, 1467.
Notes on the training of marines for advance base work **139**, 837.
Plea for permanent regimental formation in USMC **105**, 213.
Preserving tradition **280**, 1129.
Some thoughts on our lack of a naval policy **155**, 53.
Davis, J.A., Jr.: Naval Officer Assumed Soviet Name of Alexander I. Zhdanov (Nbk) **751**, 150.
Davis, J.B., Jr., and J.A. Tiedeman: Navy War Games Program **688**, 61.
Davis, J.E. (joint reviewer): See: Nicholas Brown.
Davis, J.H.
As It Was, Is Now, and Ever Shall Be (C&D) **885**, 76.
Eagle Boats of World War I (Cianflone) (C&D) **849**, 89.
Why ROTC? (C&D) **794**, 120. **800**, 102.
Davis, J.K.
Campus Unrest (Caldwell) (C&D) **800**, 101.
The Paper Torpedo (Hanks) (C&D) **801**, 125.
Davis, J.W.
Blind Leading the Blind (anec) **693**, 81.
It's My Responsibility (anec) **712**, 33.
Private Wanted Out (anec) **681**, 78.
Tiger of the Harem (anec) **783**, 116.
Davis, L.S.: Give Us Bombproof Air Bases **458**, 476.
Davis, M.S.
Capture of Washington **412**, 839.
International communications and Pacific situation **322**, 1039.
Davis, N.B., Jr. **672**, 114.
By Act of Congress (anec) **647**, 121.
How Personal Can You Get? (anec) **659**, 87.
Loyalty Up (anec) **657**, 1199.
Davis, N.H. **358**, 1824.
Davis, R.C.
End of an Era (Beavers) (C&D) **838**, 92.
Navies in War and in Peace (Gorshkov, Part 2) (C&D) **856**, 98.
United States Navy for the Future (Smith) (C&D) **820**, 85.
Davis, R.E.: An Unbelievable Situation (anec) **777**, 85.
Davis, R.G.
Aviation medicine **284**, 2011.
Physical aspects of flying **269**, 1225.
Davis, R.O. **398**, 561.
Facing Issue--Selection **399**, 646.
Threat to Japan **522**, 1043. **528**, 203.
Davis, Vincent (BkRev) **865**, 87.
Davis, W.H. **715**, 118.
In a Class by Himself (anec) **661**, 85.
Naval Side of Spanish Civil War, 1936-39: **448**, 803.
"Old Ironsides" in Chancery **460**, 780.
Davis, W.J. **626**, 455. **640**, 658.
Bloody Breakout **605**, 737.
One Solution for Teacher Shortage (ProfNote) **653**, 791.
Davis, W.S.: Etchings **396**, 159.
Davis, W.S.G. **358**, 1795.
ABC's of Naval Reserve **434**, 470.
Calling Your Shots of Sun and Stars **368**, 1463. **372**, 246.
How about Naval Reserve? **445**, 352.
If Modern Lexington, Why Obsolete Patoka? **342**, 1069.
Radio Direction Finder--Navigator's Friend **338**, 518.
Davis, W.V., Jr.: Too Good an Opportunity to Miss (anec) **799**, 45.
Davis Aeroplane gun: Tests of **142**, 783.
Davis armor-cementing process: Discussion of **101**, 139.
Davis armor-piercing shell **101**, 135. **103**, 687.
Davis projectile torpedo: Description **128**, 1343. **142**, 786.
Davis rangefinder: Description **101**, 157.
Davis (U.S.) **406**, 1687.

Davison, F.T. **341**, 979. **352**, 937.
Davison, R.: Training aviators **235**, 1501.
Davison, R. and Royce, D.: Salvage of Allegheny **242**, 631.
Davison, T.W. **489**, 1487. **491**, 68. **546**, 1023.
Notes on Japanese Preparations for Philippine Conquest **520**, 793.
Second Battle of Manila Bay **483**, 642.
Davit, Erickson-MacLachlan **260**, 1730.
Davits
See also: Boats.
Schmidt patent boat davit, 1913, illus. **150**, 575.
Dawes, C.G.: Ambassador to England **316**, 553.
Dawes, R.A. **444**, 261.
Battle tactics **160**, 1873.
Historical Background of China's Troubles **376**, 817.
One Phase of Promotion Problem **437**, 981.
Dawson, H.W.: Merchant Marine: Subsidies and Competition (C&D) **772**, 110.
Dawson, James
Sad Lack of Discipline (anec) **834**, 31.
"Sea Courts" and the U.S. Navy (C&D) **839**, 91.
Dawson, Montague (artist): Matilda Wattenbach--May 1962.
Dawson, N.E. **582**, 882.
Dawson-Buckham breech mechanism **101**, 147.
Day, A.G.
American Naval Slang Hundred Years Ago **469**, 376.
Earliest Explorer-Traders of Northwest Coast **466**, 1677.
Day, David T.: Fuel oils: origin, production, treatment **149**, 79.
Day, E.R., Jr.
Book Review **745**, 114.
Credible Incentive (C&D) **742**, 110.
Half a Career (C&D) **762**, 118.
Day, F.M. **613**, 333.
Day, H.E.
Aviation and Naval Educational System **431**, 57.
SMS Dresden--Second "Flying Dutchman" **433**, 383. **437**, 1039.
Day, J.V.: Military Cargo and the Civilian Carrier: Problem of Procurement (ProfNote) **853**, 109.
Daylight Saving Time, Effect of, on War Effort. F. Gygax **495**, 547.
Day marks: Power vessels at anchor **243**, 878.
Day the Navy Caught a Zero (OldNav). R.L. Underbrink **780**, 136. **791**, 105. **795**, 114.
Dayton, J.H. **430**, 1846.
Deac, W.P. **707**, 114. **710**, 108. **715**, 100.
America's Undeclared Naval War **704**, 70.
Dead horse. Origin of term **311**, 12.
Dead reckoning position indicator: Computing Current by DR Position Error (ProfNote). S.S. Seteroff **856**, 117.
Dead Sea survey **283**, 1689. **355**, 1333.
Deaerator, Allen contra-flow **260**, 1737.
Deal, R.A.: Is TacAir Dead? (O'Rourke) (C&D) **890**, 79.
Dealey (U.S.) **636**, 205.
See: Cover Pictures--September 1955.
Dean, B.C.
Accountability: Crumbling Keystone **839**, 40. **844**, 94.
Authority: The Weakened Link **821**, 48.
Dear, Walter, II: Fishermen Off the Capes **632**, 1128.
Dearth, J.S. **719**, 133.
What's Behind the Russian Mask (C&D) **741**, 113.
Deaths in War and Peace **293**, 828.
Debate and controversy: Participate! W.W. Hankins **762**, 89.
De Belot, R.: French Fleet in Being. Tr. by J.A. Field, Jr. **584**, 1057.
de Blaquiere, John (Baron de Blaquiere) **779**, 100.
Debts of Nations: See: National debt.
Debus, H.: Chemical Theory of Gunpowder **23**, 1.
De Cartout, Rene: The Study of Naval Tactics **94**, 287.
Decatur (USS) **330**, 691.
Trials **101**, 135.
When the Navy Fought the Indians (OldNav). T.R. Strobridge **746**, 156.
Decatur, Stephen **321**, 974. **344**, 1449.
Calkins, C.G., Decatur and Coleridge **127**, 917.
Decatur's Doctrine--A Code for Outer Space? P.B. Yeager and J.R. Stark **655**, 931.
Duel with Commodore James Barron **132**, 1178.
Duel with unnamed antagonist **132**, 1162.
Ford, T.G., American (colonial) navigators and Yankee midshipmen **119**, 861.
Fulton and Decatur: An Unpublished Document. H.W. Baldwin **396**, 231.
Letter **333**, 987.
Stephen Decatur at New London, A Study in Strategic Frustration. D.S. Jordan **776**, 60.
De Cerchio, V.N.: New Improved Torpedo (anec) **613**, 263
Decimal division of degree. L.M. Berkeley **314**, 311.
Decision-Making
Computer's Role in Command Decision. R.M. Hanes and J.W. Gebhard **763**, 60. (C&D): **770**, 106. **775**, 110.
Cost-Effectiveness--Fact and Fancy. R.M. Tucker **739**, 74. **742**, 106.
Crisis of Confidence. C.H. Amme, Jr. **733**, 26.
"The One Best Way" to Oblivion? R.A. Beaumont **790**, 37. **803**, 98.
Professional Officer and Foreign Policy. C.O. Lerche, Jr. **737**, 68.
The Study Business. J.C. Longino **772**, 58. **777**, 110.
Decker, B.C. **228**, 269.
The Consolidated Mess of the Crew of the USS Indiana **83**, 463.
On "The great lesson from Nelson for today." **151**, 817.
On handling men **161**, 216.
Decker, B.W. **459**, 708.
Selection of enlisted men for Naval Academy **304**, 457.
Decker, H.J.: 404 Days! War Patrol Life of the German U-505: **685**, 33.
Deckert, Horst: Night Fight Off Oran. Harry Sanders **791**, 56.
Deck officer training for merchant marine. T.W. Sheridan **346**, 1637. **348**, 317. **351**, 745.
Declaration of London
British Chambers of Commerce condemn the Declaration, 1911: **137**, 304.
Declaration of London assured of adoption **138**, 671.
Main features of the Declaration **165**, 1719.
Declaration of Panama **451**, 1241.
Decompression of Divers. J.K. Morrison **370**, 1695.
DeConde, A.: Is China Great Power? **599**, 29. **606**, 902.
Decorations
Ban on war decorations removed **185**, 1575.
War decorations, illus. Dion Williams **194**, 493.
U.S. officers not permitted to receive foreign decorations **179**, 153.
Decoy (Eng.) **337**, 398. **354**, 1221. **355**, 1372. **357**, 1675.
De Cristofaro, S.
Naval Lyceum **582**, 869. **597**, 1255.
To Rescue! (anec) **580**, 613.
William Harkness, Successor to Maury **606**, 877.
Deegan, R.F.: Well Indoctrinated Man (anec) **731**, 73.
Deem, J.M. **438**, 1189.
Deep Battleground. C.W. Rush, Jr. **661**, 73.
Deep Diving System Evaluated (Nbk) **800**, 159.
Deep Draft and Major Command Selection. M.W. Cagle **777**, 48. (C&D): **780**, 104.
Deep Freeze Diary, 1968. J.S. McNeely **805**, 50.
Deepfreeze Fits Out. G.J. Dufek and J.E. Oglesby **637**, 279.
Deep Mooring, Precise Positioning for (ProfNote). E.C. Buffington **774**, 139.
Deep Questions. J.M. Cohen **791**, 26. **795**, 112.
Deep-sea Sounding. T.F. Jewell **4**, 37.
Deep-sea Sounding Machine, Baird's. W.F. Worthington **46**, 603.
Deep-sea Soundings. D.W. Baker **69**, 204.
Deep-sea Wave, The Theory of. Richard Gatewood **24**, 223.
Deep Selection--A Caution (C&D) **857**, 100. **862**, 85.
Deep Selections. L.S. Sabin **685**, 46. **688**, 104, 106, 107, 108, 109, 110, 111, 114. **691**, 108, 111, 112.
Deep Submergence Rescue Vehicle (DSRV): Navy Builds Catamaran Rescue Ship (ProfNote). H.E. Steinke **791**, 128.
Deep Submergence Vehicles
Deep Questions. J.M. Cohen **791**, 26. **795**, 112.
Deep Quest Picks Up Recorders (Nbk) **796**, 159.
Deep Submersibles
Deep Submergence Rescue Vehicle Trials Scheduled (Nbk) **779**, 145.
USS Dolphin (AGSS-555)--The Navy's New Deep Diver (ProfNote). E.E. Lindsay **799**, 138.
Lockheed Plans Deep-Diving (Nbk) **790**, 160.
One Support Ship for Inner and Outer Space? W.H. Kumm **813**, 28.
Rescue of the Pisces III (ProfNote). H.R. Talkington **856**, 114.
U.S. Deep Rescue Vehicle Shaping Up (Nbk) **781**, 146.
Deep Submersible Pilot Qualifications (Nbk) **791**, 150.
Deep Submersible Research Subs Launched (Nbk) **792**, 153.
Deep Water Dump
Operation CHASE. Steve Kurak **775**, 40. (C&D): **779**, 104.
Deep-water vehicles: Soviet Deep-Water Vehicles (ProfNote). B.M. Kassell **754**, 152.
Deex, A.J.: Unrestricted Line PhD: An Assessment (Hoehler) (C&D) **857**, 91.
Defeat Inevitable? E.M. Eller **379**, 1201.
Defender (Eng.) **337**, 398. **357**, 358. **351**, 766. **352**, 923. **353**, 1070. **355**, 1372.
"Defender"
Notes on Yacht. R.P. Hobson **82**, 249.
Use of Aluminum in Marine Construction. R.P. Hobson **83**, 523.
Defense
Coast Defense **209**, 1143. **259**, 1574.
Coast defense, logical and visionary. H.J. Hatch, and J.F. Stiley **253**, 491.
Co-ordinating army and navy. W.F. Fullam **251**, 14.
Defense against aircraft **259**, 1545. **327**, 452. **333**, 1034. **341**, 972.
Defense Documentation Center (DDC): See: For Your Information.
Defense of coast fortresses. F.W. Barron **235**, 1611.
Defense of Merchant Vessels: ARAPAHO--

Defense (Cont.)
Defense of merchant vessels (Cont.) Emergency Helo Cover for Merchantmen (ProfNote). J.J. Mulquin **849**, 113. (C&D): **853**, 103.
Defensible frontier. L.F. Loree **346**, 1707.
Delusion of Strategic Parity. L.J. Larsen **752**, 46.
Indoctrinating civilians in matters of naval defense. R.E. Daniels **261**, 1854.
Lessons from Lissa. W.G. Caples **345**, 1564.
Military preparedness. W.L. Rodgers **272**, 1845.
Moral preparedness. E.W. Stone **205**, 365.
National defense **341**, 983. **345**, 1499.
National guard **242**, 689.
National Insurance Policy, ASW Coverage. T.D. McGrath **783**, 46. **789**, 113.
Our Weakest Link. T.L. Gatch **289**, 267.
Plans **206**, 650. **235**, 1586.
Problems **260**, 1759. **262**, 2086.
Defense--Air: NORAD (ProfNote). T.E. Williamson, Jr. **706**.
Defense Board, Inter-American. A.M. Harlow **528**, 191.
Defense Budget, An Overview of the. E.T. Reich **813**, 23.
Defense College Imperial **288**, 211. **339**, 679.
Defense--Department of
Controversy in Retrospect. Brown Taylor **713**, 39.
Department of Defense and the Chinese Threat. A.M. Fraser **852**, 18. **858**, 97.
Defense Organization Issues. A.T. Church, Jr., and L.R. Vasey **696**, 23.
Navy and the Department of Defense. J.V. Noel, Jr. **705**, 23.
Olive Branch and Lightning Bolts. J.C. Ausland **801**, 67.
One Staff Too Many? (C&D) J.O. Johnson **735**. 114.
Pentagon Reorganization: Phase Three. John R. Probert **623**, 51.
Program Packaging **715**, 108.
Specter of a "Man on Horseback." G.E. Lowe **731**, 26.
Vital Key West Agreement. R.P. Beebe **703**, 35. **710**, 107.
Defense--Department of--Decision Making
Cost-Effectiveness--Fact or Fancy. R.M. Tucker **739**, 74. **742**, 106.
Defense Management: Navy's Position. J.B. Cline **743**, 43.
Defense--Department of--Planning:
Defense Planning Processes. S.M. Barnes **735**, 26.
Defense--Free World: Fence and the Defense. M.E. Geneste **728**, 30.
Defense--National
Balanced Offense--Our Key to Security (ProfNote). I.C. Kidd **661**, 121.
Defense Decisions in the Dangerous Decade. G.F. Eliot **695**, 23.
Deterrence--the Next 20 Years. G.E. Lowe **705**, 51. **709**, 108. **715**, 106.
Difficult Decisions for a Democracy. R.A. Weatherup **688**, 48.
How We Can Save Our Atlantic Civilization **683**, 108.
Lesser Deterrent. Brown Taylor **678**, 33.
Massive Retaliation: Salvation or--? L.B. Green and J.H. Burt **668**, 23.
Morality and Reality **659**, 91.
Naval Power and Deterrence. H.B. Seim **706**, 61.
Neither Humiliation Nor Holocaust. G.E. Lowe **724**, 56.
Norway's Role in U.S. Defense. W.H. Hessler **689**, 31.
Not for the Timid. G.H. Miller **675**, 34.
St. Lawrence Seaway: National Defense Aspects. H.C. Brockel **675**, 23.
Survival in the Air Age. E.E. Wilson **669**, 77.
Uncertain Trumpet. G.F. Eliot **663**, 37.
U.S. Merchant Marine and National Defense. W.C. Ford **657**, 1178.
Who Is the Enemy? R.L. Enos **693**, 27.
Defense Policy: "The One Best Way" to Oblivion? R.A. Beaumont **790**, 37. **803**, 98.
Defenses--Canada/United States: Permanent Joint Board on Defense (ProfNote). R.J. Barrett **736**, 149.
Defenses--Europe
Defense of Northwest Europe and the North Sea (NavRev). J.L. Moulton **819**, 80.
U.S. "Strategies" and Continental Europe. M.E. Geneste **740**, 35.
Defenses--Great Britain: Britain's New Defence Policy: Its Significance to the Royal Navy. Desmond Wettern **765**, 60.
Defenses--Sweden: Can Sweden Defend Herself? W.W. Lang **775**, 47. (C&D): **779**, 110. **782**, 95.
Defenses--United States
ABM: The High Cost of Living. D.M. Johnston, Jr. **776**, 26. (C&D): **779**, 100. **781**, 109.
Case for Anti-Ballistic Missiles. H.A. Crosby **773**, 26. **778**, 111.
Development of Navy Strategic Offensive and Defensive Systems (NavRev). D.A. Paolucci **807**, 204. **813**, 88.
Defensible frontier. L.F. Loree **346**, 1707.
Defensive planning: NATO's Southern Region: Problems and Prospects. Means Johnston, Jr. **863**, 47.
Defiance (U.S. schooner) **407**, 76.
Definitions, New **339**, 712.
Deflecting Armor. N.B. Clark **15**, 1. **16**, 183.
De Florez, L.: Synthetic Training in War Program **503**, 55.
De Forest, Lee: Progress of radiotelephoning **129**, 314.
DeFrancia, J.M. **722**, 110.
de Gast, Robert (photog.)
Camp Pendleton...to mold a finer Marine. G.W. Ferguson (Pict) **780**, 86.
Eagle (Pict) **804**, 69.
USCGC Hamilton (WHEC-715), Coast Guard Ship of the Future (Pict) **800**, 86.
Naval Air Basic Training (Pict) **744**, 95.
Naval and Maritime Exhibits in Washington, D.C. **767**, 81.
Naval Medical Research Institute (Pict). D.J. Deriso **748**, 93.
Naval Recruit Training (Pict). L.D. Hamilton **755**, 93.
New Challenge for the USS New Jersey (BB-62) (Pict) **787**, 88.
Officer Candidate School (Pict) **733**, 88.
"Pax River", The Naval Air Test Center (Pict) **802**, 93.
Rotterdam: Great Port of the World (Pict) **806**, 76.
San Diego Naval Complex (Pict). Robert LaTourette **784**, 95.
Shiphandling with Tugboats in New York Harbor (Pict) **759**, 98.
Standard missile and USS Virginia--August 1977 cover.
U.S. Naval Academy (Pict) **768**, 93.
U.S. Naval Observatory (Pict) **736**, 97.
USS Virginia (CGN-38) (Pict) **894**, 95.
Degnan, J.L. (joint author)
See: H.N. Bowes.
Lightships: Dimming Sentinels **676**, 75.
Degnan, J.L., Jr.
Clermont and the Beginnings of Steam **654**, 862.
Oiler Parade (Pict) **667**, 91.
De Grass (SS) **330**, 758.
De Grasse, F.J.P. **350**, 493. **353**, 1050.
Great Forgotten Man. A.H. Miles **311**, 1. **312**, 137.
De Grasse, John: Marine Corps Night Maneuvers--November 1961 Cover.
De Grasse (Fr.): Eighteen-Year Constructional History **686**, 116.
de Gyarmathy, Paul **636**, 204.
Battle of the Philippine Sea (anec) **641**, 709.
De Haas, M.F.H.: Painting by **324**, 89.
De Haven Arctic Expedition. A. Gleaves **305**, 579.
De Haven, E.J. **454**, 1833.
First Grinnell Expedition **476**, 1371.
Dehn, Adolf (artist): Free Ballooning--February 1969 Cover.
De Huff, D.: Pass Word (anec) **605**, 766.
Deimel, R.F. **314**, 323.
Deininger, D.G.: Career Officer As Existential Hero **813**, 18. **818**, 91. **820**, 93. **821**, 98. **823**, 96. **824**, 96.
Dejean, M.: Meaning of Dien Bien Phu **617**, 717.
De Kay, E.C.: On the petty officer question **151**, 816.
De La Mater, S.T.
Book Review **876**, 87.
The Carrier **884**, 66. **888**, 79, 80.
Naval Aircraft in the Next Decade (NavRev) **885**, 66. **859**, 90, 91. **860**, 86, 87. **864**, 78. **866**, 85. **876**, 81, 82.
Navy Image **722**, 26.
Role of the Carrier in Control of the Seas (NavRev) **831**, 110.
De La Mater, S.T., Jr.: Ideological Responsibility **712**, 59.
Delaney, R.F.: Case for Doctrine of Unconventional Warfare **703**, 66.
Delano, Victor **668**, 114. **728**, 123.
Delanoy, B.L. (joint author): See: Riley, J.F.
Delany, Colonel Sharp: Father of the U.S. Coast Guard (OldNav). T.R. Strobridge and B.C. Nalty **877**, 112.
de la Penne, L.D., and Virgilio Spigai: Italian Attack on the Alexandria Naval Base **636**, 125. **645**, 1227.
Delaware (USS) **277**, 464. **288**, 184. **329**, 674. **339**, 632. **428**, 1429.
See: Old Navy, Page from.
See also: Farenholt, A. **128**, 1279.
Description **126**, 725.
Launched; description **129**, 299.
Reproduction of Tecumseh, figurehead **151**, 631.
Ships of the U.S. Navy, illus. R.W. Neeser **160**, 1975.
Steam Consumption of **149**, 245.
Trials **132**, 1297.
Delaware Bay, Battle of
M.V. Brewington **432**, 231.
Painting by Crepin **432**, 236.
Delegation of authority: Accountability: Crumbling Keystone (C&D) **844**, 94.
Delehanty, D.: A Proposed System of Messing our Men-of-war **47**, 739.
Delfino, J.C. **570**, 912. **633**, 1269.
Delfinul (Rum.) **406**, 1771.
Delhi (Eng.) **347**, 125. **354**, 1221. **356**, 1522.
Delight (Eng.) **337**, 398. **353**, 1071. **355**, 1370, 1372. **357**, 1675.
Dell, R.E.: Germany re disarmament **260**, 1718.
Dellenbaugh, F.S.: Chart for determining height of tide **336**, 175.
Dellinger, J.H.: Progress in Radio **267**, 865.
De Long, G.W. **307**, 759. **322**, 1015. **476**, 1373.
De Long (USS) **234**, 1345.
Trials **103**, 699.
DeLorenzo, F.L. **724**, 116. **729**, 104.
Delphy (USS): Launched **187**, 2105.
Delpino, J.C.: Administration of Justice:

Courts-Martial vs. Criminal Courts **427**, 1280.
Delsasso, L.P.: Recent depth sounders **321**, 953.
Delta Med, A Fitting Memorial. F.M. Burkle, Jr. **813**, 35.
Del Valle, P.A. **438**, 1188.
Demaree, A.L.: Our Navy's Worst Headache, the Merrimack **709**, 67. **711**, 120. **716**, 109.
de Mendonca, L.F.: Who Fired the First Shot in World War I? (Layman) (C&D) **800**, 122.
De Meo, J. **328**, 550.
Demetry, J.S., and W.J. Smith: Defense Against PT-Boat Attack (ProfNote) **800**, 148.
Democracy
  Difficult Decisions for. R.A. Weatherup **688**, 48.
  Influence of, upon Sea Power. A. Kiralfy **460**, 767.
  in retrospect: P.V.H. Weems **179**, 69.
  Morality and the Communist Menace. K.W. Simmons **707**, 78. **713**, 117. **714**, 112.
Democratie (Fr. battleship): Trials **124**, 1513.
Demolition of Explosives: Operation CHASE. Steve Kurak **775**, 40. (C&D): **779**, 104.
De Moor, Joost: See: Frost, H.H. **191**, 26.
Demosthenes (HMS) **346**, 1719.
Dempster, D.D.: Political Pull (anec) **682**, 47.
Demyttenaere, J.H.: The 20-Knot LST (NewNav) **762**, 170.
Denby, E. **255**, 827.
Deneen, C.S.: Bullpup Weapons System (ProfNote) **725**, 134.
Denfeld, Louis **849**, 86. **852**, 94.
d'Engelbronner, J.C. **599**, 86. **600**, 203.
Dengler, F.G.: The Silent Vote **816**, 34. **820**, 92, 93. **821**, 94, 95. **824**, 92.
Denham, J.G.
  Vessel Traffic Systems: A View from the Bridge (Seitz) (C&D) **870**, 83.
  When Am I Committed to Collision? (Myers) (C&D) **846**, 89.
Denig, J.L.
  Food—Hawaii's Vital Problem **452**, 1454.
  Proposed Nicaragua Canal **437**, 1012.
Denig, R.L.: Dennis, The Pig (poem) **566**, 441.
Denistry in the Old Navy. F.M. Bogan **182**, 825.
Denmark **331**, 875. **343**, 1283. **345**, 1587. **355**, 1359.
  A Baltic Squadron for NATO? Edward Wegener **851**, 63. **856**, 99.
  Defense Strategy: Nordic Balance in the 1970s. A.L. Romaneski **846**, 32.
  Strategic Danish Straits. M.W. Cagle **692**, 36. **700**, 96.
Denmark—Navy
  Danish Navy in 1913: **150**, 498.
  Maritime Denmark. H.M. Petersen **779**, 37.
  Program, 1902-03: **101**, 92.
  Toulon of Danish Fleet. G. Leistikow **508**, 661.
  Vessels building, 1914: **149**, 193. **150**, 493. **151**, 829. 1916: **161**, 226.
Denn, G.E., Jr.: United States Navy for the Future (Smith) (C&D) **828**, 105.
Dennett, T. **357**, 1659.
Denney, A.D. (Joint author): See: Lee, W.A. and Denney, A.D.
Dennis, R.G. **646**, 1329.
Dennison, R.L. **686**, 122.
  Noise Annoys **377**, 903. **411**, 707.
Denno, B.F.: New War in Vietnam **757**, 70.
Denny, James: Marine Engineering, past, present and future **129**, 325.
Denny, W.I.: Post-War Navy **498**, 967.
Densmore, C.D.: Red Sea Brine Holes (ProfNote) **780**, 132.
Dent, J.H. **329**, 589.
Denton, D.N.: Escort Ship—Challenge to the Shiphandler (ProfNote) **769**, 130. **774**, 107. **776**, 106. **778**, 110.
Denton, J.A. (BkRev) **860**, 97.
Denver (USS) **244**, 1041. **268**, 1096.
  Launched **103**, 699.
Departmental budget, Shipboard: Command Money Management. R.T. Guyton **745**, 70. **753**, 118.
Department of State: Special War Problems Division: War Problems a Specialty. J.B. Penfold **516**, 239.
Department Organization, Naval. F.E. Chadwick **71**, 493.
Dependency and interdependency of nations: A Different World. R.F. Leider **842**, 18.
Dependents
  Military
    One Stop for Susie. E.D. Stanley **773**, 54.
    Retention of Enlisted Men (ProfNote). R.W. Dickieson **795**, 140.
  Next Stop: Overseas **722**, 122.
  Waiting Wives. K.P. O'Beirne **883**, 28. (C&D): **887**, 80, 81. **888**, 81.
Deployment: Time to Secure the Seas. F.B. Case **846**, 24. **853**, 101. **858**, 96.
de Poix, V.P.
  Big "E" (Pict) **712**, 89.
  Modern Realities in Naval and Foreign Affairs (Bucknell) (C&D) **853**, 91.
Depression, Panic, and War **354**, 1242.
Depth Bombs **204**, 304. **207**, 769. **208**, 983.
  and charges: Effect of Depth Charges on Submarines. L. Doughty, Jr. **385**, 353. **390**, 1153.
  The Destroyer, the Trawler and the Depth Bomb **178**, 3009.
  The Submarine Depth Bomb **180**, 390.
  Thornycroft Depth Charge Throwers **193**, 446.
  U.S. Navy Depth Bombs **187**, 2128.
Depth of Water, and Ship Resistance **216**, 271.
Depths of Ignorance. C.N.G. Hendrix **783**, 32. **787**, 110.
Derelict, Ramming a **68**, 492.
Derelict (song): Y.E. Allison **160**, 2088.
Derelicts of the Sea (ProfNote). J.W. Giles **837**, 114. **842**, 84.
Derflinger (German cruiser): Description **153**, 1488.
Derickson, R.B. **647**, 91.
DER in MARKET TIME (ProfNote). W.J. Moredock **786**, 136. (C&D): **779**, 104. **781**, 111. **787**, 107.
Deriso, D.J.: Naval Medical Research Institute (Pict) **748**, 93.
Dermott, L.H. (artist): USS Duluth (LPD-6)—November 1971 Cover.
Derr, F.M.: Network Analysis—Dynamic Management Technique (ProfNote) **740**, 128.
Derrick
  A New and Powerful. H.H. Gorringe **32**, 158.
  The 100-ton at Mare Island Navy Yard. C.C. Wolcott **43**, 685.
Der Tag. J.F. Hellweg **231**, 703.
Dervishes: See: Gunboats in the Desert.
De Reuter (Neth. DD) **336**, 257.
De Rivera, R. **325**, 254. **327**, 462, 472.
Desalination Plant, Britain Builds Shipborne (Nbk) **779**, 150.
Descartes (Fr. cruiser): Magazine explosion **136**, 931.
Deschanel, P. **205**, 492.
Descheneau, T.E.: The New Central Front **895**, 38. **897**, 71.
Deserters and Desertion
  See also: Discipline; U.S. Navy and Personnel.
  Desertion and the Bertillon System. A. McCrackin **54**, 361.
  Desertion and Its Prevention. A.S. Williams **111**, 669.
  Desertion, Commanding, Recruiting, and medical officers vs. J.S. Taylor **215**, 39.
  Desertion from the Navy, facts, discussion and causes and remedial measures. John Hood **114**, 367.
  Desertion in Time of War. W.P. Martin **507**, 515.
  Desertions in the Navy. Caspar F. Goodrich **116**, 811.
  Enlisted Personnel of the Navy. J.K. Taussig **159**, 1781.
  On Desertion and Its Prevention. O.S. Cottman **113**, 196.
Desert Ship (U.S.): United States Navy in the Desert (ProfNote). F.J. Frank **796**, 138.
Desert storm (Santa Ana): See: Meteorology.
de Seynes, Jacques **676**, 105.
Design Control: Design for Combat Power. T.B. Wilson, Jr. **753**, 71.
De Soto (USS): Wreck of USS De Soto. D.A. Hall **172**, 1151.
Despatch Agency, U.S., in London. F.W. Gurney **396**, 189.
Desperate (HMS) **341**, 879.
Dessez, J.H.S. **432**, 253.
D'Estaing's Fleet Revealed. D.W. Knox **384**, 161.
Destiny, One's Own. J.C. Fritz **785**, 38.
Destroyer Escorts **819**, 262.
  Case for Open Bridge. S.H. Kinney **491**, 25.
  Commanding Officer Comments: New USS Hepburn DE-1055 (ProfNote). S.D. Landersman **817**, 99. **825**, 95.
  The New DE's (Pict). D.B. Marshall **761**, 100.
  1052-Class **817**, 22. **820**, 81, 82, 83, 85, 87. **821**, 89, 90, 91. **822**, 93, 94. **824**, 93.
    United States Navy for the Future (C&D) **830**, 92. **841**, 95.
  Ship Is 'Launched' But Remains Dry (Nbk) **746**, 145.
  Those Not-So-Little Ships—DE's. A. Halsey, Jr. **487**, 1201.
Destroyers
  See also: Names of.
  Airborne Destroyer. W.G. Marshall **853**, 26. **857**, 83, 84. **859**, 102. **862**, 89.
  American and British destroyers. J.E. Chandler **230**, 585.
  The apotheosis of the destroyer **180**, 419.
  Australia **344**, 1417.
  Banana boat conversion of Tabasco (ex-Putnam) **345**, 1594.
  Brazilian destroyers, 1910: **136**, 1150.
  Canada **331**, 857. **334**, 1137. **335**, 112. **337**, 398. **338**, 539. **341**, 972. **345**, 1573. **347**, 124.
  Chile **302**, 312. **316**, 537. **337**, 403.
  Confusing the Small Boys **885**, 84.
  Construction by electric welding **344**, 1418.
  Converted to banana boats (SecNotes) **345**, 1594. See also: Tabasco ex-Putnam.
  The DX Competition. J.W. Devanney, III: **870**, 18. **874**, 71. C&D: **876**, 75. **882**, 74.
  Decommissioning at Philadelphia. P.V.H. Weems **241**, 449.
  Decommissioning 57 U.S. **320**, 926.
  Destroyer Design (C&D) **833**, 97.
  Destroyer Grows Up. F. Pratt **387**, 683. **389**, 1007. **393**, 1687.
  Destroyer Named Smith (Pict). R.F. Sumrall **833**, 70. **837**, 87.
  Destroyers, 1971 (NavRev). R.F. Cross, III: **819**, 244.
  Destroyers. S.W. Baraby **102**, 395.
  Destroyers at the Crossroads (C&D). L.D. Caney **768**, 110. **772**, 109. **774**, 107. **776**, 109.
  Destroyer Seakeeping: Ours and Theirs. J.W. Kehoe, Jr. **849**, 26. (C&D) **853**,

Destroyers (Cont.)
Destroyer Seakeeping (Cont.) 95. **856**, 99.
Destroyers in Naval Warfare. H. Russell **278**, 770.
Destroyers in Near East. R.S. Field **264**, 246. **265**, 400.
The Destroyers in the War. M.B. Dill **184**, 1363.
The Destroyers, Our Naval Weakness. Yates Stirling **134**, 469.
Division commander's inspection. V.H. Godfrey **274**, 2292.
Engineer in Battle. G.R. Fairlamb **274**, 2289.
Engineering Department. G. Chadwick **338**, 515.
Engineering Performance. W.H. Osgood **210**, 1223.
Experiences in Great War. J.K. Taussig **238**, 2015.
First All Motor-Driven Destroyer, 1912: **142**, 1159.
Flotilla leaders of world's navies and **313**, 234.
Future Fleet. F.G. Percival **462**, 1075.
Future for the Destroyer? W.J. Ruhe **822**, 33. **827**, 86. **833**, 97, 98, 99. **837**, 93.
General Purpose Destroyer (C&D) **774**, 107.
Guns **344**, 1413.
Handling a Destroyer. R.O. Glover **227**, 57.
Handling destroyers alongside. H.R. Thurber **269**, 1202.
Handling 117 Decommissioned Destroyers. B.F. Tilley **245**, 1105.
High Speed Destroyers, 1905: **116**, 1030.
Honda Point Disaster: See: Course Zero Nine Five.
Last of the Four-Pipers? (OldNav). W.H. Langenberg **860**, 79. C&D: **889**, 85. **863**, 84, 85. **864**, 83. **866**, 78. **868**, 78, 79. **882**, 74.
Leader for the Fleet. J.K. Taussig **280**, 1111. **283**, 1783. **289**, 325. **292**, 685. **296**, 1113. **299**, 49. **303**, 393. **308**, 900.
Man-Overboard Problem as Applied to. G.E. Brandt **327**, 419.
Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
Modern Destroyer Bridge Design. R.L. Scott **781**, 44. **784**, 113. **787**, 102, 103, 104, 105. **789**, 115. **796**, 96. **798**, 116.
Modern Torpedo Craft **240**, 367.
Multipurpose Destroyers
Designs Called for DX Destroyers (Nbk) **785**, 151.
Navy to Cut Cost of New (Nbk) **806**, 127.
Naval Reserve Force Destroyers: The Second Team (ProfNote). W.G. Carson **864**, 95. **868**, 76, 77.
Netherlands **336**, 257.
New Destroyers. G.D. Hull **338**, 464. **341**, 963.
Ocean-going **310**, 1088.
Our Leaderless **310**, 1117.
Poland **352**, 925. **356**, 1525.
Portugal **343**, 1263.
Recommissioning. D.P. Moon **336**, 162.
Reincarnation of the Four-Stackers (Pict). P.A. Chaplin **685**, 95. **690**, 111, 112, 113.
Role **335**, 128.
School for Seamen **298**, 1355.
Size **282**, 1585. **306**, 688.
Small Boys and Whirly Birds. D.P. Ryan **804**, 26.
Spain **328**, 548.
Speed of Destroyers, 1908: **125**, 373.
USS Spruance (DD-963) (Pict) **876**, 61. **880**, 80. **886**, 90.
Strength Relatively **259**, 1524.
Submarines and. **303**, 398.
Super-destroyer **214**, 2034. **315**, 449.
Tomorrow's Fleet. J.D. Alden **887**, 118.
Turkey **346**, 1717. **354**, 1229.
Types and Tactics. B. Livingston **433**, 311.
Value **309**, 1019. **344**, 1411, 1450.
Yacht That Was a Destroyer (OldNav). J.D. Alden **778**, 156.
Yugoslavia **336**, 257. **351**, 766.
Destroyers--Argentina **330**, 755. **337**, 403.
Argentine destroyers, 1914: **149**, 189.
Argentine Ocean-going Destroyers, 1911: **137**, 277.
Destroyers--France **263**, 115. **269**, 1258. **274**, 2354. **278**, 736. **280**, 1179. **283**, 1821. **284**, 2090. **313**, 238. **316**, 533. **318**, 720. **319**, 809. **326**, 341. **330**, 754. **331**, 857. **338**, 540. **342**, 1110. **343**, 1262. **344**, 1417. **345**, 1574. **346**, 1710, 1716. **347**, 126. **348**, 286. **349**, 430. **350**, 616. **351**, 768. **352**, 925. **354**, 1224. **356**, 1525. **357**, 1675.
First French Oil Burning Destroyer, 1912: **143**, 309.
French Destroyers of 1915: **157**, 917.
Guided Missile: Frenchmen Proud of New Ship (Nbk) **730**, 165.
Large preferred **347**, 119.
Number in Commission **348**, 290.
Destroyers--Germany **234**, 1409.
Bonn Navy to Get Rocket Warships (Nbk) **725**, 158.
Bonn's Biggest Warship Is Delivered (Nbk) **736**, 163.
Destroyers--Great Britain **201**, 1929. **260**, 1717. **264**, 288. **325**, 237. **326**, 340. **328**, 543. **330**, 753. **331**, 854, 857. **333**, 1038. **334**, 1137. **335**, 112, 128. **336**, 268. **337**, 397. **338**, 539, 542. **339**, 678, 681. **343**, 1261, 1268. **344**, 1411, 1416, 1417, 1450. **345**, 1566, 1573. **346**, 1710, 1715. **347**, 124. **348**, 285. **350**, 614. **351**, 766. **352**, 923. **353**, 1070. **354**, 1221. **355**, 1370, 1372. **356**, 1523. **357**, 1674.
British and Canadian Warship Losses in World War II: **695**, 116.
British destroyers in 1909: **131**, 963. 1913: **145**, 375.
British destroyers of Tribal class, 1910: **134**, 609.
British 1913 destroyers, illus. **147**, 1340.
British Oil-Burning Destroyer Cameleon, 1911: **137**, 296.
Completion dates **349**, 429, 458.
Construction Begins on First Type 42 Seadart Destroyer (Nbk) **809**, 135.
HMS Sheffield, A Ship for the 80s (ProfNote). N.L. Dodd **876**, 95.
Losses Among Transfers **484**, 923.
Speed **358**, 1826.
Speed of British Destroyers, 1911: **139**, 1058.
Destroyers--Greece **322**, 1072. **351**, 770.
Greek Destroyer Flotilla in 1913, illus. **147**, 1346.
Destroyers--Guided Missile
Bainbridge Is Not the Answer. R.L. Brandenburg **731**, 36. **732**, 109. **735**, 104, 108, 109. **736**, 117, 120. **739**, 117.
DLG Modernization Program (ProfNote). W.A. Cockell, Jr. **827**, 101.
Great Britain
County-class Trio (Nbk) **731**, 141.
HMS Devonshire, First of the County-Class DLGs, Now Commissioned (Nbk) **721**, 142.
Guided Missile Destroyer for Britain (Nbk) **759**, 170.
Missile Destroyer Ordered for Royal Navy (Nbk) **767**, 140.
Japanese Missile Destroyer (Nbk) **732**, 151.
United States: Evaluating the DDG. J.D. Oliver, Jr., and A.W. Slifer **749**, 78. **753**, 110.
Destroyers--Japan **266**, 629. **337**, 400. **346**, 1710. **350**, 620.
Giant Japanese Destroyer, 1907: **124**, 1524.
Japanese Destroyers in World War II. W.S. Howard **587**, 51.
Largest Destroyers, World's **612**, 213.
Destroyers--Italy **213**, 1831. **285**, 2347. **328**, 549. **329**, 647. **337**, 402. **338**, 541. **339**, 680. **342**, 1110. **343**, 1262. **344**, 1418. **345**, 1574. **349**, 430. **356**, 1527.
Italian Destroyers of 1907: **121**, 412.
Destroyers--United States **301**, 251. **321**, 985. **336**, 251. **343**, 1258. **344**, 1416. **345**, 1473, 1573, 1594. **346**, 1664, 1715. **347**, 40, 123, 147. **349**, 425. **350**, 611. **353**, 1068. **354**, 1219. **357**, 1670. **358**, 1823.
Back to the General Purpose Destroyer (C&D). J.P. Kelly **760**, 126. **768**, 112.
Course for Destroyers. E.R. Zumwalt **717**, 28. **723**, 118, 120.
Destroyer Command. W.B. Hayler **722**, 76.
Destroyer Dust. J.G. Coward **549**, 1373. **554**, 471.
Destroyer Duty **600**, 201. **606**, 903. G.W. Rahill **596**, 1081.
Destroyer--Key Ship of the Fleet. C.R. Calhoun **672**, 46.
Destroyer Maintenance Workshop (ProfNote). R.L. Madouse **697**, 138. **701**, 97, 98. **707**, 119.
Destroyer Navy--Real Silent Service. W.P. Mack **489**, 1411.
Destroyer Tender (Pict). P.E. Coletta **663**, 91.
Destroyer That Vanished (Jarvis). J.C. Shaw **564**, 119.
Destroyers in Their Sixtieth Year (ProfNote). E.J. Hannon, Jr. **717**, 138.
Destroyers in U.S. Navy (Pict) **583**, 977.
Development of Destroyer Watch Officer. W.B. Porter **520**, 775.
Don't Misuse the New Destroyers (ProfNote). S. Dombroff **717**, 143.
Fifty Old Maids Come Through. H.N. Kay **571**, 977. **576**, 197.
Four-Stackers. D.I. Thomas **569**, 753. **575**, 86.
FRAM I Destroyers (Nbk) **746**, 143.
The Growing Destroyer (ProfNote). L.D. Caney **711**, 142.
Handling 1,500-Tonners, Notes on. R.B. Carney **420**, 227.
Lant Destroyers in Pac (Nbk) **761**, 155.
Names of 50 transferred **456**, 301. **458**, 606.
Naval Destroyer School (ProfNote). J.F. McNulty **758**, 156.
Navy Considers Jet Destroyers (Nbk) **719**, 158.
Send the Destroyers **663**, 113.
Seventy-Nine Minutes on Picket Line. F.A. Manson **559**, 997. **562**, 1413.
Sixty Years of Destroyers (Pict). R.T. Miller **717**, 94.
Tender Memories. G.W. Akers **490**, 1567.
Tropical Cruise. R. Willson **520**, 807. **536**, 1238.
The U.S. destroyer, 1919: **192**, 271.
U.S. Destroyers for British Bases. D.S. Greenberg **717**, 70.
Destroyer School--U.S. Naval
Newport/Quonset Point Naval Complex (Pict) **803**, 86.
Shoreside Checkout for Seagoing Destroyer Officers. H.H. Sacks **708**, 58. **712**, 112.
Destroyer Transports: Saga of Unsung--Destroyer Transports, J.W. Bernhardt and F. Hailey **504**, 177.
Détente
NATO--The Writing on the Wall. T.R. Milton **827**, 18.

On Hugging a Bear, Take Care. S.A. Swarztrauber **857**, 18.
Deterrence
Anglo-French Seaborne Deterrent (ProfNote). B.B. Schofield **850**, 107.
Arms Control, No Simple Answers. R.L. Giddings, Jr. **804**, 40.
A Holocaust for Happy Valley? Henry Young **885**, 52. **889**. 75.
Homelands, The Vulnerable. P.H. Backus **814**, 18.
Navy Studies Deterrent Force for 1980s (Nbk) **738**, 156.
Nuclear Weapons Debate. W.R. Van Cleave **759**, 26.
SABMIS and the Future of Strategic Warfare. M.B. Schneider **797**, 26. **801**, 118, 119. **806**, 93.
SALT I (NavRev). R.L. Beavers, Jr. **855**, 204.
U.S. and U.S.S.R. and Naval Strategy. K.J. Hagan and J.W. Kipp **849**, 38.
U.S. Sixth Fleet: Search for Consensus. P.A. Dur **856**, 18.
Vulnerable Homelands (C&D) **830**, 103.
Detonators
Detonators Without Fulminate **189**, 2625.
New Detonator, 1902: **101**, 145.
Standardizing U.S. Naval Electric. C.E. Munroe **374**, 505.
De Treville, D.: C. and R. Department of a Battleship **321**, 965, 975. **324**, 143. **326**, 333.
Detroit Plan for Chambers of Commerce **302**, 340.
Detroit (USS) **246**, 1349. **252**, 276.
Dettbarn, J.L.: Gold Ballast: War Patrol of USS Trout **683**, 51. **689**, 94.
Deuel, J.K.
Above Averages (ProfNote) **805**, 120.
Chef's Special (anec) **682**, 59.
Unification (anec) **633**, 1203.
Deutermann, P.T. **702**, 105.
Image of Command (Edwards) (C&D) **809**, 101.
Military in the Free Society (Hays and Rehm) (C&D) **796**, 106.
Deutschland (Ger.) **312**, 145. **313**, 245. **317**, 621. **322**, 1082. **327**, 446. **328**, 505, 545. **336**, 247, 255. **337**, 403. **339**, 681. **341**, 975. **342**, 1110. **348**, 288. **349**, 440. **350**, 617. **352**, 617. **353**, 925. **354**, 1223, 1241. **356**, 1525. **358**, 1829.
Character and Ownership of the Deutschland **165**, 1723.
Characteristics of the Ersatz Preussen. H.C. Dinger **317**, 602.
The Clearing up of the Fate of the Deutschland **195**, 816.
Collision With Tug **167**, 178.
Deutschland--Merchant Submarine. Francis Duncan **746**, 68. **750**, 120.
The Deutschland's Second Trip **166**, 2025.
Explosion **225**, 1807.
German Commercial Submarines **172**, 1240.
The German Merchant Submarine Deutschland, (illus.) Paul Konig **164**, 1307.
Launched; description **113**, 204.
The Merchant Submarine Deutschland **165**, 1675.
Reported Captured by British **169**, 602.
Reported Converted into a War Submarine **176**, 2297.
Reported Safe in German Harbor **173**, 1484.
Trials **130**, 608.
Deutschland (SS) **334**, 1140.
Devanney, J.W., III
The DX Competition **870**, 18. **874**, 71. **876**, 75. **882**, 74.
We Make Our Ships Ugly by Design (Sims) (C&D) **876**, 75.
Development of Faculty of Command. J.W. Greenslade **351**, 721.
Deviation of Compass: See: Compass.
Devil's Watering Pot, The. N.W. Emmott **835**, 68.
Devine, W.C.: Man of Few Words (anec) **776**, 59.
DeVito, E.: German Fleet **231**, 737.
Devonshire (HMS) **320**, 899.
See: Destroyers--Guided Missile.
Launched, description **110**, 440.
DeVos, F.K. **683**, 108. **690**, 115. **691**, 113. **694**, 110. **695**, 117. **696**, 108. **700**, 95. **779**, 111.
Bomber Navigation--The Blind Led the Blind (Emmott) (C&D) **802**, 110.
Isonaul Chart (ProfNote) **691**, 135.
The Near West (Bergbauer) (C&D) **816**, 84.
The North Sea (Langeraar) (C&D) **771**, 122. **801**, 114.
Dewar, A.C.: Value of Speed in Tactics and Strategy **124**, 1367.
De Weerd, H.A. **357**, 1689. **360**, 263. **363**, 729. **364**, 883. **366**, 1238. **367**, 1337. **369**, 1627.
Admiral Bacon and Dover Patrol **348**, 185.
Admiral Sir Percy Scott and Gunnery of British Navy **331**, 815. **333**, 1031.
Blockade, Ultimate Weapon of Sea Power **366**, 1141. **370**, 1780.
Fisher-Beresford Controversy **346**, 1633.
Portrait of Madcap Admiral **342**, 1060.
Puleston, Churchill, and Dardanelles **357**, 1577, 1645.
Tanganyika Expedition **356**, 1461.
DeWeese, W
Book Review **786**, 121. **792**, 117.
Ninetieth Anniversary Class Ring Collection **398**, 514.
Dewenter, J.R.: The East China and Yellow Seas (NavRev) **867**, 188.
Dewey, G.: **350**, 493. **370**, 1826. **373**, 445. **421**, 403.
Cold War Between von Diederichs and Dewey in Manila Bay. J.M. Ellicott **633**, 1236. **639**, 543.
Contacts with Hero of Manila Bay. J.M. Ellicott **563**, 69. **574**, 1374.
Fiske, B.A., Admiral Dewey: An Appreciation **169**, 433.
Germans at Manila Bay **448**, 843, 845.
Official Report of Battle of Manila Bay **91**, 529.
Portrait **169**, 433.
Summary of the Jutland Battle **164**, 1352.
Dewey, H.S.
How Does Your Correspondence Read? **576**, 141. **583**, 991. **595**, 1025.
Interior Decoration for Submarines **573**, 1183.
Dewey, J.J.: Don't Give Up the Ship **348**, 253.
Dewey, S.W. **316**, 527.
Dewey Flagstaff, Cavite, P.I. **400**, 801.
Dewey Floating Drydock
Voyage of the Dewey, (illus). F.M. Bennett **120**, 1163.
Voyage of the Dewey. J.W. Wood **121**, 385.
Dewey (U.S.) **346**, 1715. **380**, 1445. **381**, 1620.
See: Cover Pictures.
See also: March 1975 Cover.
DEW Line: Pacific Barrier. D.B. Mauldin **668**, 63.
DeWolf, H.G. **661**, 101.
De Wys, Fred: New Paint Job Keeps Reserve Fleet in Shape (ProfNote) **721**, 139.
Dexter, E.B. **489**, 1484. **491**, 68.
Deyo, M.L. **603**, 566.
How Far Can Bear Walk? **585**, 1203.
D'Harcourt, A. **576**, 200.
Diamond (Eng.) **337**, 398. **347**, 124. **351**, 766. **352**, 923. **353**, 1071. **355**, 1372. **357**, 1675.
Diamond Rock (Eng.): See: His Majesty's Stationary Sloop-of-War.
Diana (Eng.) **337**, 398. **354**, 1221. **355**, 1372. **357**, 1675.
Diana (Rus. cruiser): Trials **101**, 126.
Diane (Fr.) **356**, 1525.
Lost **185**, 1693.
Dias, J.B.: Leis for Americans (anec) **575**, 19.
Dibble, E.F.: Mallory's Mishap: The U.S. Sloop Pensacola (OldNav) **887**, 70.
Dibbrell, D.M. **678**, 116.
DiBona, C.J.: Can We Modernize U.S. Shipbuilding **755**, 22. **759**, 116, 122.
Dick, W.G.
Automation: The Bitter Pill (C&D) **781**, 116.
His Wife Agreed (anec) **792**, 49.
Dickens, G.: Sea Power in War with Russia **572**, 1069.
Dickens, Sir Gerald **653**, 788.
Dickey, G.L.: Graduate Education--Continuing Imperative (Freeman) (C&D) **854**, 103, 105.
Dickey, G.L., Jr.: End of the Prinz (OldNav) **798**, 148.
Dickey, J.L.: Passing Buck (anec) **605**, 748.
Dickieson, R.V.: Submarine Safety (ProfNote) **785**, 126.
Dickieson, R.W.
Polaris A3 Launching System (ProfNote) **778**, 133.
Polaris Submarine Habitability (ProfNote) **767**, 130.
Retention of Enlisted Men (ProfNote) **795**, 140.
Soliciting Continued Parental Guidance (C&D) **834**, 98.
Dickinson, H.C. (joint author): See: Waidner, C.W., Dickinson, H.C., and Crowe, J.J.
Dickinson, S.E.: Last General Muster **593**, 793. **600**, 202.
Dickman, G.M. **663**, 112.
Dickman, P.W. **468**, 252.
Dickson, J.P.: "Overseasmanship" Training in the Navy (ProfNote) **750**, 145.
Dictatorships, Military Aid and Comfort to. A.H. Victor, Jr. **793**, 42. **799**, 113, 115. **801**, 113.
Diderot (Fr. battleship)
Description **132**, 1271.
Launched; description **130**, 574.
Diebold, John **701**, 103.
Dieckmann, E.A.: Sunday Punch Weapon **644**, 1088.
Dieckman, G.A.: The Navy--A Retention Gap (McGarry) (C&D) **804**, 90.
Diego Garcia Base Seen As Threat By India (Nbk) **857**, 125.
Diego Garcia Island: To Build a Link--Seabees at Diego Garcia (ProfNote). D.W. Urish **842**, 101.
Dien Bien Phu, Meaning of. M. Dejean **617**, 717.
Dierdorff, R.A. **644**, 1104. **655**, 1011. **663**, 114. **669**, 116. **690**, 112.
A Critical Moment (C&D) **763**, 124.
Day the SecNav's Stars Blew Off **641**, 700.
Diesels for Naval Auxiliary Ships **304**, 461.
Pioneer Party--Wake Island **482**, 499.
Diesel, Rudolph **333**, 1043.
Diesel Engines
See also: Engines (internal combustion).
Carels Diesel Marine Engine **141**, 365.
The Diesel Engine and the British Navy, 1916: **164**, 1305.
Diesel Engine Breakdowns **150**, 572.
Diesel Engine Breakdowns Due to Explosion **150**, 572.
Diesel Engine Development, 1911: **140**, 1474.
The Diesel Engine in Cargo Ships **184**,

Diesel Engines (Cont.)
Diesel Engines in Cargo Ships (Cont.) 1348.
Diesel Engine Trials in U.S. Navy, 1917: **168**, 399.
Diesel Engines for Naval Purposes. A.K. Atkins **142**, 660.
Diesel Marine Engines of 24,000 h.p., (illus) **145**, 400.
Diesel Marine Oil Engines, 1911: **138**, 661, 667.
Diesel Piston Cracks **179**, 133.
Efficiency of the Diesel Engine in Foreign Navies, 1913: **149**, 271.
German Oil (Diesel) Motor Ship **135**, 911.
Largest American Diesel Engine Installation, 1917: **173**, 1517.
Largest Diesel Engine Built in U.S., 1914: **148**, 1763.
Notes on Diesel Engines, 1912: **142**, 794.
Recent Criticism (1917) of (Diesel) Engines **167**, 175.
Relative Failure of the Diesel Engine **172**, 1266.
The Schneider Type Diesel Engine **197**, 1246.
Tests of White & Co.'s Diesel Engine **195**, 834.
Diesel Wings in the Navy's Future. Otto P. Eberlein **626**, 435.
Diet
See also: Mess.
Plea for Physical Training in the Navy. A.P. Niblack **129**, 67.
Sea Stores and Refreshments **121**, 73.
Dietrich, N.K. **398**, 574. **404**, 1483. **416**, 1484.
Dietrich, W.F. **256**, 965.
First Battleship Through the Big Ditch (OldNav) **700**, 156.
Dietrick, R.B.: Career Officer As Existential Hero (Deininger) (C&D) **827**, 91.
DiFronzo, Raymond: Statistical Methods: Aid to Inspectors (C&D) **777**, 102.
Dike, W.L.: The Navy's First "Lady" (OldNav) **856**, 84.
Dilbert, The Wonderful World of (Pict) **790**, 83. C&D: **796**, 103, 104.
Dill, M.B.
Big Guns and New Guns of the War **187**, 2130.
The Destroyer in the War **184**, 1363.
Dillingham, A.A. **317**, 653.
Dillingham, A.C.
Flag officers in the U.S. Navy **140**, 1383.
How Shall We Induce Our Men to Continue in the Navy? **132**, 1019.
Methods Employed at Training Stations for Training Apprentice Seamen for the Fleet **121**, 137.
On "The Broader Study of Tactics" **119**, 1113.
On the School of the Captain **130**, 567.
On Some Ideas About Organization Aboard Ship **129**, 283.
On Training Ships **102**, 280.
Our Divided Navy **214**, 1921.
Personnel Reserve for the Naval Service **166**, 1889.
Steps in Organization and Training to Increase Efficiency of the Navy **193**, 317.
Training of the Personnel of the Fleet for Battle **137**, 209.
U.S. Naval Training Service **134**, 343.
Dillingham, W.F.: Pearl Harbor **327**, 403.
Dillman, G.L.: Gyroscopes and Satellites **311**, 17. **314**, 323.
Dillon, C.J. **648**, 213. **654**, 894.
Dillon, R.P.
Birds on His Collar (anec) **544**, 689.
Story of Small Boy **545**, 817.
Worst Marine Disaster in U.S. History **562**, 1387.
Dimitrijevic, W.J.: Our Changing Navy? **592**, 635. **598**, 1368.
Dimmick, J.G.: A Modular Surface Ship Bridge Control System (ProfNote) **883**, 98.
Din, Hayaud: Pakistan Navy **667**, 59.
Dindinger, Jack W.: Strategic Mobility: Impetus for a Southwest Passage **878**, 33. **881**, 82. **883**, 82.
Dinegar, W.W.
"Long March" as Extended Guerrilla Warfare **589**, 269. **598**, 1367.
Who's Disabled? **650**, 405.
Dinger, H.C. **270**, 1489. **271**, 1738. **273**, 2167. **278**, 711. **282**, 1562. **283**, 1783. **286**, 2517. **288**, 194. **289**, 332. **305**, 595. **331**, 846.
Characteristics of Ersatz-Preussen **317**, 602.
Engineering Standards Afloat **152**, 1137.
Fleet Steaming and Economy **125**, 259.
Fueling at Sea, (illus) **199**, 1607.
Naval Needs and Requirements **109**, 73.
Personnel Law of 1809: **103**, 623.
Possibilities of Diesel-Engined 10,000-ton Cruiser (Procter) (C&D) **331**, 846.
Sperry Gyroscopic Compass for Naval Vessels (illus) **139**, 845.
U.S. Naval Experiment Station **296**, 1117.
Dinglabash, Tiger Hunting in. A.P. Echo **856**, 35. **860**, 92.
Dingman, Roger (BkRev) **866**, 93.
Diomed (SS): Sunk **188**, 2462.
Dion, J.W.: Admiral King's War (anec) **791**, 83.
Di Palma, L.
Plea for Merchant Marine Naval Reserve **410**, 477.
Training Merchant Marine Naval Reserve Officer **418**, 1760, 1777. **427**, 1337.
What Ails Our Merchant Marine **422**, 549.
Diphenylamine
See also: Correction **162**, 562.
W.W. Bradley **155**, 125.
Diplomacy
Admirals as Diplomats. W.S. Meriwether **457**, 378.
Alliance Diplomacy in Limited War. G.F. Eliot **770**, 52. **776**, 102.
American Landing in Lebanon. Robert McClintock **716**, 65. **727**, 96.
Canal Diplomacy and U.S. Interests. P.B. Ryan **887**, 43. **894**, 70. **897**, 85.
Commodore Lawrence Kearny, the Diplomatic Seaman (OldNav). R.J. Hanks **813**, 70.
The Courting Season of 1903. F.X. Holbrook and John Nikol **874**, 60.
Diplomatic Prelude to Pearl Harbor. B. Vogel **554**, 415.
Diplomatic Responsibility of the U.S. Navy. B.A. Fiske **151**, 799.
Failure in American Diplomacy: Intervention in Russia (1918-1919). Sumner Shapiro **842**, 52.
Fletcher School of Law and Diplomacy (ProfNote). L.E. Zeni **716**, 134.
An Incident in Naval Diplomacy: Toulon, 1834. J.H. Kemble **408**, 166.
Mission to Mecca: The Cruise of the Murphy. J.S. Keating **875**, 54.
Navy and Diplomatic Frontier. F.S.M. Harris **398**, 473.
No Substitute for Diplomacy or Power. W.H. Hessler **653**, 691.
Seabees in Diplomatic Service (ProfNote). R.J. Barrett **766**, 151.
South Atlantic--Diplomatic Campaign. F. Pratt **544**, 691.
Technology and Bargaining in Anglo-American Naval Relations: 1938-1946. J.R. Leutze **892**, 50. **894**, 70. **897**, 93.
Diplonauts and Ocean Politics. A.D. Clift **809**, 31.
Direction Finders
Bellini-Tosi Direction Finder **162**, 600. **165**, 1300.
Determination of Distance and Direction of a Sending Station, 1908: **130**, 619.
Direction Finders. In Bullard, W.H.G., Naval Radio **150**, 458.
Information for Vessels Using U.S. Direction Finder Stations **198**, 1445.
Locating Vessels by Wireless Telegraphy, 1908: **132**, 1306.
Notes on Radio Compass. Bowden Washington **195**, 769.
Radio Direction Transmission **169**, 594.
The Wireless Direction Finding **198**, 1444.
The Wireless Compass **195**, 827.
Wireless Wave Direction Finder (illus) **149**, 258.
Directives: "Be On Guard". Fujiwara Seika **856**, 45.
Disappearing Gun Carriage, The Buffington-Crozier **69**, 208.
Disarmament
Armament by Example and Arbitration. E.S.R. Brandt **269**, 1152.
Arms Control, No Simple Answers. R.L. Giddings, Jr. **804**, 40.
Background to. D.O. Smith **644**, 1042.
Book Reviews **348**, 310. **349**, 450.
Chemical **217**, 442.
Commission's Work **286**, 2634.
Committees **329**, 664. **333**, 1054. **336**, 273. **344**, 1447.
Conference **282**, 1652. **337**, 415.
Contingencies **345**, 1568.
Cult **261**, 1865.
Danger of Disarming America. L.M. Overstreet **259**, 1492.
Deferring. H. Russell **280**, 1253.
Difficulties **276**, 365. **285**, 2392.
Disarmament and National Defense. W.V. Pratt **319**, 751.
Disarmament and Trade. B.A. Fiske **224**, 1539.
Disarmament Before 1914. F.J. Bell **326**, 317.
Disarmament Delusion. Robert Strausz-Hupé **684**, 41. **694**, 109.
English Exceptions to War Renunciation Treaty **305**, 620.
Future of Navies **204**, 272.
Harding's Proposal and Japan's Attitude **223**, 1476.
Impossible by France **346**, 1710.
Japan and **220**, 940. **281**, 1409.
Law and Order, Or? A.A. Fries **284**, 1993.
League of Nations and. H. Russell **263**, 151.
League of Nations Proposals **215**, 146.
Limitation is Not **224**, 1635.
Line of Disarmament. H. Russell **276**, 362.
NATO--The Writing on the Wall. T.R. Milton **827**, 18.
Navy of Peace. H. Russell **279**, 1017.
Outlawing War **261**, 1928.
Peace League and Disarmament in U.S. **204**, 280.
Peace Without Security. H. Russell **267**, 814.
Plan for Making Wars Less Probable. H.W. Harris **261**, 1878.
Postponement of World's **216**, 282.
Practicability of Disarmament. S. Ballou **302**, 268.
Proposal for Conference **224**, 1667.
Rossi, A. **351**, 769.
U.S. Invited Conference **276**, 378.
What Is It? **279**, 1025.
What Price Pacifism? C.A. Tinker **286**, 2458.
Will America Join In? H.C. Bywater **262**, 2092.

Dixon, R.: Naval Engineering **288**, 217.
Dixmunde, French Dirigible **659**, 97.
Djemnah (Transport): Torpedoed **187**, 2217.
DLGN-38 Is Born (ProfNote). J.K. Nunneley **812**, 95.
Dobbin (U.S. schooner) **335**, 109.
Dobbs, T.B.: Modern Realities in Naval and Foreign Affairs (Bucknell) (C&D) **847**, 90.
Dobriansky, L.E.: The Roots of Russia **722**, 40. **740**, 99.
Docks and Drydocks
The Alexandria Dock at Bombay **152**, 1199.
Algiers, (La). Floating Dock **103**, 699.
ARD-1, the Pioneer. John Alden **773**, 70.
ARD-1, U.S. Navy **380**, 1443.
Argentine Destroyer Dock, 1913: **145**, 361. **148**, 1725.
Argentine Dock at Bahia Blanca **172**, 1237.
Argentine Dock at Puerto Belgrano **142**, 751.
Argentine Dock at Puerto Militar **174**, 1771.
Argentine Graving-Dock at Bahia, 1902: **102**, 309.
Bermuda Floating Dock **102**, 343. **103**, 699.
Birkenhead Floating Dock; Description; Illustration **144**, 1650.
The Boston Dry Dock, 1917: **173**, 1510.
Brazilian Dock at Bay of Ilha Grande **143**, 1108.
Brazil to Have Giant Floating Dock, 1909: **132**, 1270.
British Docking Facilities, 1912: **142**, 759.
British 32,000-ton Floating Dry Dock **143**, 1130. **148**, 1750.
Brooklyn Dry Dock No. 4, Reconstruction of. **143**, 1147.
Charleston Dry Dock **103**, 670.
Commonwealth Dry Dock, Boston **200**, 1810.
Contract Let for Dock at San Francisco **154**, 1813.
Cunningham Dry Dock **104**, 905.
Curious German Dock-Ship, 1908: **128**, 1326.
Docking Facilities in Our Navy Yards, The Want of. U.S.G. White **13**, 265.
Docking Facilities of U.S. Pacific Coast, 1907: **123**, 1310.
Docking in British Harbors **283**, 1810.
Docking the Kaiser Wilhelm II: **176**, 2370.
Dry, Simpson's Timber. C.H. Stockton **41**, 221.
Drydock at Hunter's Point **160**, 2034.
The Dry Dock at Pearl Harbor. E. Murphy **129**, 302.
Drydock One, Saga of. T.B. Buell **809**, 60. **814**, 85. **816**, 86.
Dry Dock Towed to Australia **349**, 438.
Efficiency of the Balboa Dry Dock **172**, 1255.
An Extraordinary Feat of Dry-Docking **177**, 2694.
Floating **226**, 1955. **239**, 166. **247**, 1499. **256**, 978. **261**, 1869.
Floating Dry Docks **87**, 533.
France. Changes in Dockyard Organization **81**, 180.
French Dry Dock in 1911: **137**, 283.
French Dry Docks in 1909: **130**, 573.
German Dock at Tsingtau **118**, 742.
German Dock at Wilhelmshaven **141**, 318.
Gigantic Graving Dock at Belfast, 1911: **138**, 670.
Graving Dock at Rosyth **143**, 1130.
Hamburg Floating Dock **105**, 307. **123**, 1297.
Huge Lisbon Drydock Opens (Nbk) **775**, 158.
An Improvement in Floating Dry Docks **142**, 551.
Italy: Largest Dry Dock **355**, 1374.
Lack of American Dry Docks, 1918: **184**, 1308.
Largest Floating Dry Dock **87**, 528.
Majestic Too Large for English **233**, 1200.
Masonry Versus Wooden Dry Docks **89**, 237.
Mud, at Vizagapatam, India. P.F. Harrington **29**, 318.
Nagasaki Dock, 1905: **114**, 531. **115**, 723.
Newark Dry Dock, 1918: **188**, 2391.
New Dock at Quebec, 1918: **188**, 2391.
New Japanese Dry Dock, 1912: **141**, 334.
On "An Improvement in Floating Dry Docks." F.H. Cooke **143**, 1103.
On "An Improvement in Floating Dry Docks." L.M. Cox **143**, 1103.
On "An Improvement in Floating Dry Docks." A.C. Cunningham **144**, 1616.
On Floating Dry Docks **109**, 183.
Package Docks. E. John Long **624**, 193.
Pearl Harbor Dry Dock **129**, 302. **153**, 1505. **165**, 1688. **200**, 1786.
Philadelphia Navy Yard, 1876: **561**, 1293.
Royal Dockyards **272**, 1972.
Saga of Drydock One. T.B. Buell **809**, 60. **814**, 85. **816**, 86.
Saint John, New Brunswick **252**, 296.
Sea-Going Drydock for Submarines (Nbk) **753**, 154.
Seattle Shipyard Plans Nation's Biggest (Nbk) **804**, 127.
Ship Docks Getting Larger (Nbk) **761**, 164.
Southampton, England **345**, 1576.
Spain **81**, 183.
Spanish. New Floating Docks **80**, 839.
Statistics of Dry Docks of the U.S. **170**, 793.
Thousand-Foot Dry Dock for U.S. Navy **150**, 504.
Todd's Dry Dock **243**, 869.
Towing New Orleans Dry Dock to Pearl Harbor. D.R. Osborn, Jr. **463**, 1241.
United States. New Timber Dry Docks at New York Navy Yard **79**, 683.
Unique Use of a Floating Drydock (ProfNote). W.L. Marshall **752**, 133.
World's Greatest Dry Dock, 1912, Great Britain **141**, 325.
World's Largest Dock at Levis, Quebec, 1917: **176**, 2306.
World's Largest Dry Dock, 1909. (U.S.) **131**, 979.
World's Supply of Docks of Large Capacity, 1909: **131**, 964.
Doctors for Armed Forces. L. Pugh **611**, 33.
Doctrine
See also: Naval Tactics. H.E. Yarnell.
The Role of Doctrine in Naval Warfare
W.P. Cronan **156**, 355.
Ralph Earle **156**, 358.
C.L. Hussey **156**, 359.
D.W. Knox **156**, 325.
C.T. Vogelgesang **156**, 361.
Doctrine--U.S. Navy
Crisis of Confidence. C.H. Amme, Jr. **733**, 26.
Doctrinal Gap. G.C. Reinhardt **762**, 61.
Dodd, Dan (photog.)
Mobile Riverine Force (Pict) **796**, 80. **801**, 115, 116. **805**, 98.
Navy Gunship Helicopters in the Mekong (Pict) **783**, 91.
Dodd, N.L.
HMS Sheffield, A Ship for the 80s (ProfNote) **876**, 95.
The South African Navy: Guardian of the Ocean Crossroads (ProfNote) **883**, 94. **887**, 89.
Dodd, Robert (artist): Battle of the Nile--July 1967 Cover.
Dodge, E.S. **650**, 448. **613**, 341. **688**, 125. **701**, 109.
Dodge, S.H.: Development of an Aircraft Power Plant (ProfNote) **688**, 139.
Dodge, W.L.H.: The Royal Navy (Morris) (C&D) **832**, 107.
Dodson, B.M.: California Nautical School **447**, 705.
Dodson, Kenneth: Exercise Sea Wall (ProfNote) **711**, 145.
Dodson, O.H.: Soviet Union Today **711**, 43.
Doenitz, K. **841**, 105, 106.
Grand Admiral Karl Doenitz: Reflections at 80 (ProfNote). R.M. Ancell, Jr. **841**, 120. **847**, 99.
Last Fuehrer. L.W. Seagren **615**, 523. **620**, 1157.
Memoirs of Admiral Doenitz **692**, 110.
Doerr, P.J.
Against All Enemies (Hanks) **808**, 99.
End of an Era (Beavers) (C&D) **845**, 93.
A "New" China Policy? (Duffee) (C&D) **832**, 106.
Shipboard Manpower: Economy Begins at Home (C&D) **842**, 92.
Dogger Bank, Battle of. **232**, 917. **233**, 1188.
Dogger Bank Engagement, Feb. 2, 1915, map **163**, 1034.
Dogger Bank Incident **496**, 700.
Doggett, Leonard A.: Selective Radio Stations. A. Artom, Tr. **175**, 2037.
Dogs: Moritz of Geier **343**, 1211.
Doherty, D.E.: Navy Concept for Force Support Ship (C&D) **780**, 107.
Doherty, W.O., Jr.: Upgrading the All-Volunteer Force (C&D) **835**, 92.
Dohrman, H.G.
Old Man River, 1863: **376**, 809.
A Proposed Uniform Course of Instruction for the Naval Militia. Honorable Mention, 1897: **82**, 211.
Dolan, W.R., Jr.: Take Another Look at Those Stripes (anec) **740**, 41.
Dole, H.M.: Nothing But Blue Skies (Leider) (C&D) **836**, 85.
Dollar Line (SS) Co. **280**, 1241.
Dollar at Sea. P.P. Blackburn **236**, 1707.
Dollars and Sons. A.L. Wermuth **678**, 73.
Dolphin (USS) **337**, 400. **338**, 536. **351**, 762. **358**, 1824. **432**, 190. **617**, 837.
See: Our First Steel Warships (Pict).
Historic Ships of Navy. R.W. Neeser **383**, 14. **389**, 1012.
Is First of New Submarines **787**, 152.
The Navy's New Deep Diver (ProfNote). E.E. Lindsay **799**, 138.
Unique Experience as Navigator. J.K. Taussig **526**, 1549.
Dolphin Research
Dolphins: "Like an Arrow They Fly Through the Sea". E.W. Brown, Jr. **749**, 42. **755**, 115, 116.
Dolphins and Sonar (ProfNote). M.R. Bonsignore **736**, 147.
Porpoise Set to Aid Divers (Nbk) **752**, 161.
Dombroff, Seymour **668**, 100-02. **670**, 120. **685**, 104. **695**, 116. **696**, 101. **703**, 110. **706**, 108. **721**, 108. **768**, 117.
ASW Officer: Jack of All Trades, Master of None (C&D) **839**, 94.
Canadian Cyclic System **779**, 64. **784**, 112, 113.
A Case for Stabilized Crews in Destroyers **728**, 76. **734**, 113.
Don't Misuse the New Destroyers (ProfNote) **717**, 143.
FADAP [Antisubmarine Warfare Data Analysis Program] **762**, 70. **765**, 126.
Future of the Coast Guard (C&D) **787**, 115.
Let's Take the "R" Out of NROTC (ProfNote) **656**, 1136.

World Economics and Disarmament. S.F. Bryant **339**, 623.
Disasters
The Bari Incident. D.M. Saunders **775**, 35. C&D: **779**, 101.
The Bennington Disaster (OldNav). L.K. Strobel **794**, 148. **798**, 112. **799**, 106.
A Case of Calculated Mischief. R.F. Bennett **877**, 76.
Nondum Paratus for Deep-Sea Disasters. P.A. Joseph **864**, 33. **868**, 80.
Discipline **343**, 1211.
See also: Leave, naval training; names of countries, subhead Navy. Discipline.
Aids to Contentment: a Home for the Fleet. C.F. Goodrich **123**, 905. **124**, 1357.
Another View of Alma Mater. C.F. Goodrich **131**, 631.
Anti-Discipline: Military Migraine (C&D) **841**, 103.
Below (ProfNote). L.D. Chirillo **691**, 133.
Captain to His Crew. R.R. Belknap **226**, 1857.
Commanding Recruiting and Medical Officer, vs. Desertion. J.S. Taylor **215**, 39.
Daudignac (French General), Realities of Battle; Weaknesses, Heroisms, Panics. Tr. W.W. Gilbert **124**, 1403.
Department of, at Naval Academy. W.T. Sampson **52**, 173.
Discipline
E.B. Fenner **233**, 1371.
C.L. Hussey **105**, 106.
F.B. Upham **203**, 1.
Discipline and the Division. Julian L. Simon **632**, 1111. **636**, 204.
Discipline and the Profession of Naval Arms (NavRev). C.L. Bekkedahl **891**, 186.
Discipline and Rehabilitation, Naval War-Time. J.K. Taussig **500**, 1207.
Discipline in the Naval Reserve. R.E. Stivers **758**, 104. **761**, 116.
Discipline in the Naval Service. E.W. Sturdevant **262**, 1989.
Discipline on Board: Attack Carriers: The Human Equation. T.C. Schelin **864**, 26. **868**, 84. **870**, 88. **873**, 80.
Disciplining the All-Volunteer Force. James Webster **861**, 33. C&D: **865**, 77, 78.
Engineering Suggestions for the U.S. Navy **695**, 113.
The Enlisted Personnel. T.P. Magruder **134**, 375.
Footnote on: Slouch and Spring. R.D. Heinl, Jr. **466**, 1709.
Harmony. E.H. Jenkins **256**, 939.
"I Am the Two-Headed Ogre..." Bruce Keener, III: **878**, 38. **881**, 79. **882**, 72, 73. **883**, 77. **884**, 99. **886**, 87. **890**, 76.
If I Were to Do My Service Over. H.R. Snyder **263**, 59.
Improving Navy Morale. C.F. Russell **216**, 169.
The Job. J.O. Hoffman **237**, 1915.
Judicial and Non-Judicial Aspects of Officer Discipline. L.P. Gray, III: **626**, 427.
Law, Discipline, and Justice. R.G. Darley **847**, 36.
Loss of: Some Civilian Thoughts on the Navy. J.C. Seymour **835**, 18.
Lost Sheep: Our Navy in the World of Good Intentions (ProfNote). R.L. Schreadley **852**, 110. **857**, 85, 87.
Making a Smart Ship. S.R. Bedford **319**, 765.
Morale and Deck or Engineer Division. E.G. Small **233**, 1149.
Morale and Leadership. C.P. Summerall **330**, 767.
Morale for Our New Navy. R.E. Krause **218**, 519.
Moral Training...For War. C.M. Bakewell **149**, 157.
Naval Men and Their Management. V.N. Bieg **158**, 1173.
Naval Morale After War. W.S. Sims **235**, 1461.
Naval War-Time. J.K. Taussig **497**, 859.
Nelson and Court-Martial Tradition. F. Pratt **321**, 943. **325**, 226.
Non-Judicial Punishment in the Royal Navy (ProfNote). B.A. Wiley **773**, 139.
Offenses Against Naval, in War Time. J.K. Taussig **498**, 995.
Officer and Division. J.B. Ewold **289**, 299.
On Aids to Contentment
P.P. Blackburn **125**, 325.
O.H. King **125**, 327.
T.W. Kinkaid **125**, 326.
R.R. Riggs **126**, 693.
On Disparaging Remarks by Officers Concerning Their Seniors **130**, 581.
On Handling Men. B.C. Decker **161**, 216.
Personnel. In Fiske, B.A., Naval Power **139**, 719.
Personnel. E.R. Henning **235**, 1507.
Petty Officer and Naval Discipline (ProfNote). J.T. Robinson **733**, 142.
Preventive Discipline. S.E. Moses **247**, 1441.
Principles of Command. L.H. Chandler **227**, 15. **228**, 233. **229**, 403.
Psychologic Phases of. J.M. Ellicott **361**, 334.
"Punishment," As Applied to Soldiers and Sailors. G. Haines **141**, 69.
Punishments Humanized. C.H. Minckler **329**, 582. **331**, 847.
Quality of Seaman Second-Class. E.M. Williams **256**, 903.
Rebuilding Enlisted Personnel and Reestablishing Its Morale and Spirit. J.C. Thom **212**, 1627.
Sheep in Wolf's Clothing. H.R. Lund and W.D. Chapman **694**, 67. **698**, 98, 100, 101.
Some Observations About Discipline. H.B. Price **162**, 409.
Some Remarks on Goodrich's "Aids to Contentment." A.B. Hoff **124**, 1493.
Soul of Service. E.P. Jessop **217**, 351. **218**, 573.
Spiritual Value of Discipline. W.W. Childs **323**, 52.
Tact and Discipline. J.O. Hoffman **210**, 1197.
Uniformity: Its Relation to Contentment and Efficiency. Ernest Durr **157**, 785.
Vestris Tragedy and Need for **311**, 87.
Wrinkle or Two in Handling Men. E.J. King **241**, 427.
Discrimination? A Minority Review (ProfNote). Abe Greenberg and C.H. McKeown **820**, 104.
Discrimination in Selection: Fact or Fancy? J.H. Hitchcock **691**, 72. **694**, 107.
Disease
Disease in Warships' Crews in Nelson's Time **135**, 848.
Prevention of Infectious Diseases. H.G. Beyer **109**, 155.
Disher, R.C.: Future Concepts of Mobile Logistic Support **676**, 48. **680**, 98.
Dismukes, D.E.
Breaking Ice in Baltimore Harbor **258**, 1304.
Dispatch and Transit of Ships Through Panama Canal **156**, 481.
Sea Power a National Necessity **251**, 1.
Displacement: Earth's Rotation of Vessels and. **252**, 323.
Dissent, Fostering. H.D. Nygren **889**, 54. **896**, 65.
Dissette, E.F.: Overseas Bases—How Long for This World? **689**, 23.
Dissidence Is Not a Virtue (Leadership Forum). Arleigh Burke **878**, 78. **881**, 79. **882**, 77. **885**, 80.
Distad, M.F. **555**, 590.
Distance Without Stadimeter—Barleon Eye-Finger Range Finder. J.S. Barleon **528**, 187. **531**, 586. **532**, 715.
Distant Early Warning System: Barrier Patrol to Go (Nbk) **751**, 151.
Distantiagraph: W.D. Farris **181**, 557.
Distant Rampart. H.W. Rood **769**, 30.
Distilling Apparatus for New Cruisers **41**, 281.
Distortion of Ships
See also: Strainagraph.
Distortion of Ship's Hull by Contraction and Expansion of Machinery **167**, 176.
Distribution of Shots in Long-Range Salvos. G.L. Schuyler **311**, 24.
Ditch, To Build a Bigger. A.C. Miller, Jr. **775**, 26. **779**, 102. **784**, 111.
Ditta, L.G. (co-author): See: J.A. Saxten.
Divers and Diving
British Admiralty Report, 1908, on Deep Water Diving **126**, 741.
Caisson Disease, Prevention of. R.A. Hansen **393**, 1670.
Davis Decompression Chamber **412**, 827.
Decompression of Divers. J.K. Morrison **370**, 1695.
Deep-Sea Record **331**, 871.
Divers Dry-Weld in the Water (Nbk) **786**, 159.
Diving, Deeper, with Oxy-Helium Mixture for Breathing. H.O. Austin **554**, 423.
Diving Apparatus
Deep Sea Diving Machine Progress **181**, 654.
New Application of the Diving Bell **131**, 996.
Diving and the Diving School. E.W. Strother **182**, 781.
Diving Bell: Tested **331**, 853.
Diving on the Wreck of Texas Tower No. 4. A.B. Crabtree **721**, 55. **732**, 112.
Experimental Diving Unit: Pioneer in Pressure. H.O. Austin (Pict) **577**, 309.
Historical Facts on Diving. H. Hartley **337**, 341.
History of Man's Deep Submergence. W.F. Searle, Jr. **757**, 80.
Human Machine in Deep-Sea Diving. E.W. Brown **412**, 822.
Skin Diving in Polar Seas. F.D. Fane **672**, 65. **680**, 103.
Saturation Diving. R.C. Sheats **835**, 54. **846**, 89.
The Steinke Hood (ProfNote). N.E. Nickerson **704**, 147.
Training. W.A. Gorry **393**, 1674.
Turkey and Chief Reid. B.H. Brittin **580**, 611.
Divine Wind Over Okinawa. R.L. Wehrmeister **652**, 633.
Divine Wind, Spirit of. Roger Pineau **669**, 23.
Division: Officer and. J.B. Ewald **289**, 299.
Division Officer Problems: Attack Carriers: The Human Equation. T.C. Schelin **864**, 26. **868**, 84. **870**, 88. **873**, 80.
Division officers **371**, 21. **373**, 407. **375**, 655. **375**, 689.
Dix, J.A. **315**, 432.
Dixie Station **831**, 75.
Dixie (USS): Flotilla Machine Shop Aboard USS Dixie. W.W. Smith **130**, 523.
Dixon, Charles (artist). Battle of Jutland—September 1968 Cover.

Lump Sum Retirement Payment (C&D) **799**, 120. **804**, 97. **805**, 89.
New Antisubmarine Weapon Systems (ProfNote) **701**, 125.
P-2 and P-3 on Patrol (Pict) **753**, 92.
Vital Interests and Volunteer Forces (Brooks) (C&D) **830**, 103.
Wanted: An Effective ASW Ship (C&D) **735**, 113. **739**, 116.
Domenech, J.P.: Damage Control Is Fun **489**, 1467.
Dominican Republic
Columbus, Christopher: Cathedral, Monument, Prison, and Tomb, Santo Domingo **368**, 1525.
Curse of Santo Domingo. H.D. Boyden **407**, 57.
Dominican Diary. J.A. Dare **754**, 36.
Hurricane: An Adventure in Disaster Relief. L.W. Johnson **535**, 1045.
U.S. Occupation. C.C. Baughman **274**, 2306.
Dominick, F.J. **450**, 1167. **681**, 102.
Dominion HMS
Illustration **122**, 695.
Trials **112**, 863.
Domning, D.P.
Against All Enemies (Hanks) (C&D) **814**, 80.
I Remember Pearl Harbor (Taussig) (C&D) **842**, 91.
Nothing But Blue Skies (Leider) (C&D) **836**, 88.
Patriotism: the Self-Evident Truths (Mason) (C&D) **832**, 103.
Don, K. **341**, 978.
Donaho, G.R.: Mobile Logistic Support for the Fleet (ProfNote) **679**, 129.
Donahue, R.T. **578**, 423.
Donald, H.G.: Operation of Destroyer at Full Power **263**, 15.
Donaldson, C.B.: Someone Always Has the Conn (anec) **708**, 67.
Dona Ourania (Pan.): An Unusual Case of Ship Salvage (ProfNote). T.N. Blockwick **763**, 150.
Donavin, K.H. **554**, 469.
Graf Spee—Why Suicide? **547**, 1107.
Lines of Position by the Method of Ball's Tables **165**, 1613.
War on Water Front **430**, 1716.
Dondona, F.: Sea Trials of Flotilla Leader **329**, 647.
Donegal (British Hospitalship): Torpedoed **172**, 1321.
Donegal (HMS): Description **104**, 970.
Dong Xoai: See: Seabees at Dong Xoai.
Donohue, G.A. **524**, 1346.
Donovan, J.L.
Civil Service Ratings: Chore or Challenge? (C&D) **859**, 96.
Ours Not to Reason Why (C&D) **811**, 97.
Donovan, Sean: Navies in War and in Peace (Gorshkov, Part 1) **856**, 96.
Don't Give Up the Ship **327**, 374.
J.J. Dewey **348**, 253.
T.D. Parker **182**, 821.
Dooley, T.A., III: **638**, 435.
Bui Chu Means Valiant **635**, 45.
Doolittle, J.A.
Instruments Used By, in Blind Flying **323**, 69.
Outside Loop **293**, 830.
Doolittle Board Report: Objective Was a Volunteer Army. John Alger **804**, 62. **809**, 107. **815**, 87.
Doppler Geodetic System: Navigation-Geodetic System by Satellite (ProfNote). P.R. Winters **772**, 131.
Dorfman, Merlin: Launching the Battleships Kearsarge and Kentucky in 1898: (C&D) **778**, 104.
Dornier, M.: Sees Way to Avoid Crashes **319**, 815.
Dorset, P.F.: James B. Eads: Navy Shipbuilder, 1861 (OldNav) **870**, 76.
Dorsetshire (Eng.) **314**, 326. **337**, 396. **356**, 1523. **357**, 1684.
Dorsey, E.B.: Steel for Heavy Guns **40**, 2.
D'Orso, J.N.: Readiness Is An All-Hands Function (anec) **769**, 121.
Dosé, R.G.: Replacement Air Group Concept (ProfNote) **686**, 135.
Doty, W.B.: He Was Taking No Chances (anec) **719**, 103.
Doubleday, R.A.: David Porter: Pioneer Pacific Strategist (C&D) **772**, 105.
Dougherty, J.E.
Guerrilla War in Malaya **667**, 41.
Joint author: See: A.J. Cottrell.
Dougherty, J.J. **717**, 115. **782**, 95.
Co-author: See: B.I. Edelson.
Communications Satellite, "A Faint Flutter of Wings" **784**, 35. **787**, 111.
Most Silent Service (Cagle) (C&D) **802**, 113.
Which Way Is Up? **778**, 76.
Doughty, L., Jr. **298**, 1317. **322**, 1066. **378**, 1151.
Effect of Depth Charges on Submarines **385**, 353. **390**, 1153.
Mistaken Attacks in World War **382**, 1729.
Douglas, G.J.: Merchant Ship Escort (C&D) **851**, 83.
Douglas, H.H.: Public Relations, United States Navy **464**, 1432.
Douglas, S.C.: British Lifeboat Service **247**, 1473.
Douhet, G. **420**, 163.
Doumer, P.: (Pres. of Fr.) **341**, 987.
Doumer (SS) **355**, 1380.
Douw, V.P. **447**, 722.
Ratings by Shakespeare **444**, 235.
Dover Castle (British hospital ship): Torpedoed **173**, 1610.
Dover Naval Station
Boom Devices of. **114**, 521.
Dover, a Channel Gibraltar, 1906: **120**, 1622.
Opening of Admiralty Harbor at Dover, 1909: **132**, 1285.
Dow, H.E. **387**, 708.
Captain Allen's Battle with English Barge **407**, 76.
Captain J. Manley of Continental Navy **282**, 1554.
Early Naval Punishments **348**, 259.
Officer and a Gentleman **238**, 2071.
Test on Boiler Water **252**, 244.
U.S. and Sea Power **312**, 131.
Dowd, W.R. **365**, 1090.
Reflections from Side Lines **365**, 1009. **370**, 1771.
Dowdell, V.J., Jr. **591**, 559.
Birth of the American Navy **633**, 1251.
Captain Mugford and the Powder Ship. (OldNav) **646**, 1358.
Dowden, J.P.: Plan For All Seasons (Lyon) (C&D) **803**, 102.
Dowdy, W.L., III: Politics of Oil in the Wake of Yom Kippur **857**, 23.
Dowling, P.S.: When the Good Shepherds Were Blind (Abbazia) (C&D) **886**, 88.
Dowling, Patrick: See: American Privateers. H. Malo **139**, 933.
Dowling, R.E.: Soldiers' and Sailors' Civil Relief Act **491**, 31.
Downes, J. **240**, 379. **254**, 684. **369**, 1625.
Cruise to Orient in the Potomac 1831-32: **135**, 707.
Maclay, E.S.: An Early Globe-Circling Cruise **134**, 481.
Navigation vs. Junior Naval Officer **241**, 469.
1786-1854. H.F. Krafft **299**, 36.
Downes, O.L.: Anchoring Diagrams **371**, 73.
Downes (USS) **258**, 1344.
See: Cassin and Downes, Saga of.
Downey, John O.: U.S. Navy Coal Investigating Expedition in Bering River Field of Alaska. (illus), maps **148**, 1651.
Downin, Jack: "Lunchbox Charlie" Bonaparte (OldNav) **882**, 49. **889**, 85.
Downs, B.W.: We Make Our Ships Ugly By Design (Sims) (C&D) **866**, 87.
Downs, J.F.: The Navy Needs More Sailors (Bonds) (C&D) **882**, 77.
Downs, Jim: "There Are Lots of Good Fish in the Sea" (anec) **629**, 763.
Downs, N.T.: Common Purpose—Common Ship? (Johnston) (C&D) **839**, 99.
Downs, T.M.: Ship's Medical Officer Prepares for Battle **503**, 23.
Down to the Sea in Ships'—Names. W.F. Calkins **665**, 29.
Down Went McGinty to Bottom of Sea. E.S.R. Brandt **347**, 67.
Do-X: See: Aeronautics—Germany.
Doxa (Greek Destroyer): Blown Up **174**, 1874.
Doyle, A.K.
Quick Action (anec) **631**, 1029.
Wonderful World of Dilbert (Pict) **796**, 104.
Doyle, J.H. (BkRev) **794**, 123.
Doyle, J.H., Jr., and H.B. Robertson, Jr.: Status of Forces Agreements **661**, 77.
Doyle, T.F., Jr.: Antisubmarine Warfare: Intercept Search (C&D) **800**, 119, 120.
Doyle, W.E. **256**, 961. **368**, 1488, 1527. **384**, 252.
Education and Training of Midshipmen **368**, 1438.
Points of Treaty Limiting Armaments **252**, 195.
Selection and Graded Retirement **250**, 1999.
Draft, Commission Appointed to End (Nbk) **796**, 155.
Draft Dodgers: They Are Not Heroes. R.L. Beavers **842**, 46.
Draft Law
See: Conscription.
Could We End the Draft Now? C.W. Tarr **832**, 58.
Termination of: All-Volunteer Force: Why Not? T.D. Kelley **829**, 37.
Zero Draft and Future Naval Commitments (C&D) **840**, 94.
Draft of Ships: Ship's Draft in Sea Water and in Fresh Water **165**, 1687.
Drag, Joellen M.: The Female Naval Aviator: A Free Ride? (Shipman) (C&D) **876**, 76.
Dragging As Before. C.E. Giese, Jr. **772**, 81.
Dragon (Eng.) **347**, 125. **352**, 923.
Drahos, J.F.: The Sea, 1967-1972 (Hayes) (C&D) **850**, 84.
Draim, N.A.: Chemical Agents and Naval Warfare **310**, 1060.
Drake, Sir F. **360**, 218.
Our First New England. E.P. Von der Porten **694**, 62.
Drake, F.: Strategy and Tactics of Sir Francis Drake. A.S. Riggs **574**, 1345.
Drake, F.J.
Automobile Torpedoes **65**, 1. **108**, 906.
The Fleet and Its Personnel **110**, 411.
Torpedo Tubes in Battleships **107**, 553.
Drake (HMS)
Torpedoed **177**, 2706.
Trials **103**, 643. **105**, 259.
Drake's Drum **311**, 14.
Draper, Ernest G. **198**, 1408.
Plan for Maintaining the Naval Auxiliary Reserve After the War **190**, 2757.
Draper, G.H.: Astronomer and Navigator and Law of Relativity **322**, 1057.
Drashpil, B.V.
Co-author: See: R.D. Layman.
Navies in War and in Peace (Gorshkov, Part 2) **858**, 89. **865**, 81.
Drayton (U.S.): The Blue Beetle. L.A.

Drayton (U.S.) (Cont.)
Abercrombie, and F. Pratt **500**, 1197.
Dreadnought (HMS) **278**, 730. **339**, 632. **438**, 1099, 1147. **443**, 97. **445**, 392. **469**, 322.
See: Cover Pictures--December 1956.
Description **115**, 712. **128**, 1330.
Fate of. G.B. Vroom and W.O. Stevens **216**, 191. **218**, 577. **339**, 633.
Fisher and the Genesis of the Dreadnought. A.J. Marder **646**, 1309.
Further Trials **122**, 864.
Illustration **119**, 753.
Launched, description **117**, 342. **120**, 1581.
Trials **120**, 1581.
Dreadnought (U.S. sailing ship) **421**, 393. **423**, 740.
Dreadnoughts
The Dreadnought Gap. Leonard Wainstein **763**, 78. **766**, 133.
Dreadnought Gap (C&D) **770**, 109.
Dreany, H.H.: United States Maritime Commission Cadet Corps **467**, 42.
Dredge: Durable Dredge Pacific (OldNav). Stan Allyn **889**, 72.
Dreesen, F.M.: Helicopter ASW (Babb) (C&D) **845**, 83.
Dreisonstok, J.Y. **409**, 409.
Creating a Horizon **345**, 1516.
Fact or Fancy **348**, 219.
Dresden (German Cruiser)
Britain Apologizes to Chile in Connection with Destruction of the Dresden **157**, 991.
Destruction of the Dresden **156**, 682.
Illustration; plans **158**, 1113.
Launched, description **124**, 1516.
Man Who Hid the Cruiser Dresden. Karl Baarslag **689**, 61. **698**, 111.
Second "Flying Dutchman." H.E. Day **433**, 383. **437**, 1039.
Dresel, H.G.
Changes in the Battle Exercises of the French Infantry **71**, 599.
Electric Searchlights at Sea **72**, 763.
Kuro-Siwo, Current of Japan **61**, 145.
Naval Progress During 1893. (Tr.) **71**, 624.
Dresel, Herman G.: Obituary of. C.H. Harlow **87**, 563.
Drexel, H.W. **601**, 331. **608**, 1142.
Driega, A.W.: It Makes a Difference Which Way (anec) **668**, 28.
Driggers, T.F.
Can We Really Afford Surface ASW Ships? (Alexander) (C&D) **862**, 75.
Computer's Role in Command Decision (C&D) **770**, 106. **775**, 110.
Wanted: An Effective ASW Ship (C&D) **735**, 110. **739**, 116.
Driggs, W.H.: Driggs-Schroeder System of Rapid-Fire Guns **61**, 1.
Driggs-Schroeder System of Rapid-Fire Guns. W.H. Driggs **61**, 1.
Drill: Plea For Adoption in the Naval Service of Revised Infantry Drill Regulations of the U.S. Army **113**, 165.
Drill: Setting-up **77**, 228.
Drill for Cutting Square Holes **208**, 965.
Drill-Presses: Mueller & Co., Drill Press (photo) **134**, 522.
Drinking in the Navy: End of the Wine Mess. H.W. Baldwin **666**, 82.
Dritz, W.A. **730**, 123.
Drossinos, G.: Royal Hellenic Navy **817**, 32.
Drottningholm (SS) **249**, 1912.
Drottning Victoria (Sw.) **325**, 205. **326**, 365.
Big Little Fighting Vessels. C.J. Lamb **325**, 204.
Drowning
Loss of Life by Drowning in Naval Warfare. T.W. Richards **149**, 33.
New Method of Teaching Swimming, With Hints on Rescuing the Drowning. F. Green **139**, 865.
The Reason We Drown (Resuscitation methods). W. Hutchinson **128**, 1351.
Rescue of George Olsen After 3 Days in Water at Sea (B.S. Fiske) **136**, 957.
Rescuing the Drowning. W.C. Tyler **140**, 1413.
Drugs and Drug Abuse
"Away the Prize Crew." A.R. Larzelere **863**, 52.
Cannabis (ProfNote). D.H. Gaylor **814**, 97.
Drug Abuse in the Navy. J.A. Pursch **809**, 52. **820**, 93.
Drug Abuse: Out in the Open. H.T. St. O. Woolley and L.H. Beecher **825**, 18.
Drugs at Sea: Where Do We Stand? (ProfNote) R.L. Madouse **846**, 107.
Drug Traffic: Deep Six on the Yangtze (OldNav). C.J. Wheeler **896**, 58.
Navy Discharges 3,800 Men For Illegal Use of Drugs (Nbk) **809**, 135.
No-Nonsense Discipline for Drug Abusers (NAMB) **894**, 72. **898**, 82.
Pentagon Admits Drug Abuse (Nbk) **809**, 134.
Shipboard Drug Abuse. R.E. Helms, Jr. **874**, 41. C&D: **877**, 114. **878**, 82.
Soldiers In Vietnam Tell Of Using Marijuana (Nbk) **809**, 135.
Drummond, Burt: English Spoken (anec) **668**, 55.
Drummond, S.E., Jr.
Book Review **816**, 91. **818**, 91.
The Nautical Chart--it's What You Make It (ProfNote) **806**, 116.
Drury, C.M.: Famous Chaplain Teachers of Midshipmen, 1800-1845: **519**, 681.
Dublin (HMS)
Illustration **145**, 374.
Illustration and Plans **158**, 1109.
DuBose, W.G.: Discussion on. **265**, 455.
Dubrovnik (Yugoslav) **351**, 766.
Ducat, J.R.: The All-Volunteer Army: Too High a Price (Kohn) (C&D) **863**, 77.
Duc d'Aosta (It.) **355**, 1374.
Ducey, A.L.: Hobson's Choice (Women's Division) (anec) **827**, 41.
Duchess (Eng) **337**, 398. **354**, 1221. **355**, 1372. **357**, 1675.
Duchess of Bedford (HMS) **344**, 1419.
Duchess of York (HMS) **328**, 550.
Duddy, F.E., Jr. **539**, 86. **553**, 363. **590**, 448.
Cruisers in U.S. Navy (Pict) **589**, 305.
Dudley, H.G., Sr.: Future Role of Soviet Sea Power **759**, 39. **762**, 113.
Dudley Powder Pneumatic Gun. H.P. Elwell **78**, 451.
Dueber, E.A., Jr. **622**, 1391.
Strict Attention to Duty (anec) **617**, 753.
Duels and Duelling
Abortive Duel on Hicacal Point. D.W. Knox **547**, 1081.
Affair of Honor (OldNav). E.K. Thompson **863**, 60.
Duelling in the Old Navy. C.O. Paullin **132**, 1155.
Duelling in German Army, 1905: **118**, 743.
Dufek, G.J.
and J.E. Oglesby: Operation Deepfreeze Fits Out **637**, 279.
Book Review **738**, 129.
Dufek, George **677**, 108. **692**, 118. **702**, 119. **710**, 118.
Duff, H.C. **705**, 117.
Duff, K.M.: Two Birds in the Hand **799**, 60. **805**, 90. **809**, 109.
Duff, M.J.L.: New Rock Was Charted (anec) **732**, 83.
Duff, W.R.
Next Week, We're Going to Get Organized (anec) **744**, 71.
Something Uncomplimentary, No Doubt (anec) **736**, 87.
Duffee, E.B., Jr.: "New" China Policy? **821**, 18. **826**, 90.
Dufferin (Indian troopship): Description **112**, 856.
Duffy, F.K.: Hong Kong: Communism and Colonialism in Collision (C&D) **766**, 134.
Duffy, G.W.
Coffee We Have Plenty Of (anec) **742**, 59.
Pecos Died Hard (Abernethy) (C&D) **810**, 103.
Dugan, Cornelius: C.F. Russell **254**, 603.
Dugan, F.L.: Even the Birds **371**, 44.
Dugan, James **653**, 779.
Dugan, P.F. **530**, 457. **532**, 719. **535**, 1110. **541**, 355. **545**, 899. **549**, 1431. **554**, 474. **555**, 594. **593**, 800.
Dugger, Ben **706**, 106.
Dugger, G.W.: Daylight Fix With Venus **395**, 56.
Duggins, C.F.: You Are An Ambassador **663**, 51.
Duguay-Trouin (FN) **248**, 1715. **250**, 2063. **280**, 1189. **286**, 2554. **352**, 924. **356**, 1525.
Duke, I.T. **619**, 1048. **641**, 775.
Less Habitability (anec) **645**, 1187.
Duke, M.L.
The Lawful Order **761**, 82. **765**, 120, 121. **769**, 114.
Navy Founds a Nation (OldNav) **811**, 68.
Those Capricious Ladies (ProfNote) **813**, 97.
Duke (Br.): See: Cover Pictures--September 1953.
Duke of Edinburgh (HMS)
Description **105**, 261. **111**, 640.
Trials **118**, 723.
Dukes, P.: British Spy Among Bolsheviki **219**, 785.
Dukeshire, T.S.: Confederate Midshipmen and Treasure Train **652**, 628.
Dukeshire, W.P.: Tips on Towing: Try Grounding (ProfNote) **789**, 137.
Dulin, R.O., Jr. **690**, 117. **695**, 114. **702**, 111.
and W.H. Garzke, Jr.
Book Review **862**, 96.
The Prinz Eugen (Schmalenbach and Wise) **804**, 90.
Book Reviews **853**, 105. **857**, 106. **859**, 102.
Life Was Simpler Then (anec) **755**, 53.
Please Submerge (anec) **696**, 31.
Dulles, A.W.: Anglo-American Naval Rivalry **312**, 164.
Dulles, E.L. (BkRev) **780**, 112.
Dully, F.E., Jr.: Naval Medical Officer, the Worst of Both Worlds **803**, 60. **808**, 101, 102, 103. **809**, 97, 98, 99. **810**, 100. **813**, 86. **815**, 85.
Dulwich (British collier): Torpedoed **156**, 652.
Dumba, Constatin: U.S. Requests Recall of Count Dumba, Sept. 1915: **159**, 1720.
Dum-Dum Bullet **82**, 374. **91**, 704.
Dumlupiner (Turk) **350**, 621.
Dummy Ships: British Dummy Dreadnoughts, (illus) **182**, 899.
Dummy Warships **359**, 57.
Dumont-Durville (Fr) **353**, 1074.
Dunbar, B.S.: See: (Book Reviews), Richard Henderson.
Duncan, A.E., Jr. **690**, 120. **717**, 112.
Armored Cruiser **677**, 86.
Duncan, C.K. **696**, 104.
Duncan, D.B. **358**, 1843.
Duncan, Francis
Deutschland--Merchant Submarine **746**, 68. **750**, 120.
Mahan--Historian With a Purpose **651**, 498.
Struggle to Build a Great Navy **712**, 82.

Duncan, G.A.: Corps of Civil Engineers **325**, 209.
Duncan, J.H. **451**, 1328.
Duncan, R.D.: Proposed: A Kra Canal **736**, 48.
Duncan (Eng) **337**, 397. **346**, 1715. **348**, 285. **353**, 1070. **354**, 1221. **355**, 1372. **357**, 1675.
Duncan (U.S.): Solomons Battle Log. G.B. Weems **714**, 81.
Dundee (Eng) **354**, 1222.
Dunderberg (U.S.): See: Old Navy.
Dunedin (Eng) **352**, 923.
Dunkerque (Fr) **348**, 286, 290. **349**, 430. **351**, 768. **352**, 924. **353**, 1073. **354**, 1222. **355**, 1373. **356**, 1524. **357**, 1675. **358**, 1829. **460**, 908.
Dunkirk
French Navy at. Jacques Mordal **672**, 31.
Miracle or Blunder? G.C. Reinhardt **581**, 709.
Shelled by Germans from Dixmude **157**, 1007.
Dunlap, G.D. **680**, 115.
Book Review **797**, 121. **803**, 110. **804**, 101.
Dunmore, F.W.: See: Engel, F.H.
Dunn, A.T.: Efficient Utilization of Time (C&D) **805**, 93.
Dunn, C.: What Price Leadership **326**, 323.
Dunn, Charlotte: Eyes Right (anec) **668**, 147.
Dunn, Gilbert T.: Shipboard Drug Abuse (Helms) (C&D) **877**, 114.
Dunn, H.O.
Discipline in the Old Navy **165**, 1603.
Gallagher Estimates Situation **275**, 103.
Notes on the Department Proposed Personnel Bill **144**, 1569.
Dunn, J.H., and W.H. Parks: "If I Become a Prisoner of War..." **882**, 18.
Dunn, L.C. **568**, 678. **578**, 425. **627**, 587.
Chapter from Genesis of War of 1812: **441**, 1574.
Draft Convention of 1932 Armament Limitation Conference **341**, 889.
Floating the Storage Battery on the Line **185**, 1495.
Frigate Constellation Puts to Sea **546**, 1005.
Morocco—a Diplomatic Complex **263**, 28.
National budget system **256**, 948.
New Era in International Law **281**, 1367.
Old Spanish Shear Legs at Cavite **400**, 801.
Some Unpublished History of Old Glory **389**, 965. **395**, 99.
"Trickling Charge" as Applied to Storage Batteries of the Naval Service **193**, 339.
U.S. Navy and 104 Years of Monroe Doctrine **310**, 1067.
United States Navy and Open Door Policy **551**, 53.
U.S. Navy's First Seagoing Marine Officer **558**, 919.
Dunnagan, C.G.: Marine Corps Transplacement (ProfNote) **751**, 136.
Dunning, B.B. **676**, 105.
Plan for Naval Shore Patrols **563**, 45. **567**, 560.
Dunning, John: Sea Gull, Spare My Ship (anec) **794**, 37.
Dunsmore, J.W.: Three Artists. H.A. Baldridge **300**, 105.
Dunwell, R.P.: Erosion of an Ethic **889**, 56. **892**, 89. **894**, 66.
Dunworth, J.V.: Propulsion (ProfNote) **662**, 143.
Dupee, W.A.: The Odd Ones (Pict) (C&D) **820**, 91.
Dupetit Thouars (Fr. cruiser): Torpedoed **188**, 2455.
Dupleix (FN) **324**, 148. **328**, 546. **337**, 401. **344**, 1417. **350**, 615. **352**, 924. **353**, 1074. **355**, 1374.
Du Pont, A. **304**, 531.
Du Pont, S.F.
Civil War Parallel. L.H. Bolander **372**, 233.
The War With Mexico: the Cruise of the Cyane **21**, 419.
Dupont Company: Brandywine Plant **344**, 1448.
Dupre, M.M., Jr. **468**, 253. **469**, 406.
Toward Total Security **524**, 1289.
Dupuy, T.N. **647**, 103.
Book Review **735**, 120.
Dupuy, R.E. **365**, 1090.
Sea Rovers' Trail **365**, 1013.
Duquesene, A.
See: Darrieus. War on the Sea **125**, 149.
Duquesne (FN) **280**, 1193. **336**, 256. **337**, 401. **347**, 126. **350**, 615. **352**, 924.
Dur, K.D.: Junior Officer Retention, A Lot of Little Things (Harris) (C&D) **822**, 97.
Dur, P.A.
The Montreux Convention: Prospects for an Imminent Change (ProfNote) **845**, 110. **849**, 99. **852**, 95.
United States Navy for the Future (Smith) (C&D) **821**, 91.
U.S. Sixth Fleet: Search for Consensus **856**, 18.
Duralumin, Heat Treatment of. W. Nelson **290**, 483.
Durand, W.F.: Early Engineering Education and United States Navy **528**, 167.
Durazzo: Naval Base at Durazzo Destroyed **189**, 2681.
Durban (HMS) **227**, 104. **344**, 1416. **346**, 1716.
Durfee, W.F.: Iron and Steel and the Mitis Process **42**, 369.
Durgin, C.T., Jr. **639**, 542.
Nuclear Power and the Seaplane **635**, 18.
Durgin, E.R. **600**, 212. **641**, 764. **665**, 111. **668**, 106. **675**, 105. **707**, 114.
Retrospect and Prospect **597**, 1181.
Durham, E.H.: National Naval Memorial (Hagerman) (C&D) **821**, 93.
Durlacher, A.J. **426**, 1237. **577**, 320.
Phantom Whistle (anec) **544**, 721.
Durr, Ernest
A Higher Standard of Discipline **149**, 17.
Training of Recruits **167**, 99.
Uniformity: Its Relation to Contentment and Efficiency **157**, 786.
Durtche, Carl, Jr. **718**, 111.
Let's Anchor Our Trained Technicians **710**, 71.
Durtnall, W.P.: Steam Electric Marine Propulsion **127**, 1083.
d'Urville, M.J.D.: French Expedition to Wilkes' Land, 1840: **134**, 465.
Dusinberre, G.M.: What's the Score? And Other Random Notes **399**, 653.
Dusinberre, H.W.
Estimating Time of L.A.N. **491**, 53.
Slide Films for Training Use **472**, 839.
Time of Sunrise and Sunset **486**, 1102.
Dussault, G.A. **465**, 1618. **467**, 101. **473**, 1010.
Dutch Courage **311**, 12.
Dutch East Indies: Defense **226**, 1983. **269**, 1303.
Dutch Wars: Thames (Medway), Battle of **429**, 1561. **432**, 249.
Dutcher, W.E.
See: D.L. Strole.
Huge War Facilities at Subic Bay (ProfNote) **783**, 135.
Naval and Maritime Events: January 1970-June 1970 (NavRev) **819**, 55.
Duties on Imports: The First Federal Customs. R.P. Vance **877**, 46.
Duties on Shipbuilding Material **281**, 1439.
Dutton, B. **265**, 516. **267**, 886. **288**, 191, 245.
Dutton, W.T. **508**, 717. **514**, 1501. **516**, 289.
Duty
Duty Beyond Seas. C. Lathrop **339**, 661. **340**, 857.
Duty, Honor, Country. Douglas MacArthur **892**, 97.
Duty, Honor, Country. S.M. Cohen **892**, 96.
Duty: "The Bureau Regrets..." J.S. Smith, Jr. **437**, 985.
What About Duty in Washington? J.C. Shaw **638**, 362.
Where Do We Go From Here? E.E. Hazlett, Jr. **436**, 829.
Ye Compleat Naval Officer. A.R. McCracken **443**, 22.
Duval, A.: Maps and Navigation Methods **233**, 1236.
DuVal, M.P. **618**, 927. **667**, 113.
Courageous Acceptance of Responsibility (anec) **773**, 89.
Isthmian Canal Policy—An Evaluation **625**, 263.
DuVal, M.P., Jr.
An Object Lesson (anec) **796**, 143.
Value of Experience Judgment (anec) **791**, 63.
Duval, R.R. **431**, 100.
Charm of Old Annapolis **340**, 797.
Fort Severn: Battery at Windmill Point **364**, 843, 948.
Frigate Constellation **394**, 1780.
Naval Academy Cemetery on "Strawberry Hill" **510**, 937. (Repr.): **518**, 75.
Perpetuation of History and Tradition at Century-Old U.S. Naval Academy **518**, 139.
Perpetuation of History and Tradition at U.S. Naval Academy Today **423**, 669. **426**, 1186.
Yacht America **351**, 732. **355**, 1353.
Duvall, W.H.: Excerpts from Log of Indianapolis **411**, 685.
Duvivier, J.F.: See: L.E. Brumbach.
deVon, Jay: Ship on Iceberg—Request Instructions (anec) **683**, 50.
Dwinsk (transport): Sunk by Submarine **186**, 1931.
Dwyer, H.: Little Ship Collection Moored at Annapolis **549**, 1397.
Dwyer, T.L.: Scratch One Bogey (anec) **675**, 42.
Dye, Dewey A., Jr.: Indian Key Massacre (OldNav) **861**, 74. **865**, 75.
Dye, Ira **721**, 110.
Book Review **771**, 129.
Flags of Convenience: Maritime Dilemma **708**, 76. **711**, 122, 123.
Dyer, F.C. **576**, 198. **593**, 792. **617**, 811. **623**, 105. **685**, 114. **709**, 110. **719**, 133.
Blister Proof (anec) **578**, 363.
Cost-Effective Reserve Forces (Abert) (C&D) **844**, 93.
Growth of Best-Seller **577**, 277.
Latin American Military (Toner) (C&D) **793**, 105.
South of Thirty (C&D) **777**, 103.
Unexpected Yuletide Display (anec) **569**, 773.
United States Navy for the Future (Smith) (C&D) **820**, 89.
You Can't Leave It to Chance **590**, 417. **599**, 88. **600**, 201.
Dyer, G.C. **388**, 871. **653**, 787.
Book Review **857**, 105. **864**, 79.
King of the Oceans (Sanders) (C&D) **866**, 76.
Learn to Say "No" to the Admiral **725**, 26.
Logistical Readiness **687**, 51.
Naval Amphibious Landmarks **762**, 50.
Promotion Systems—Past, Present, and Future **444**, 192. **445**, 409.
Dyer, G.L.: The Survey of the Coast **37**, 199.
Dyer, G.P.
A General Sales Commissary System for

Dyer, G.P. (Cont.)
U.S. Navy **122**, 579.
An Interesting Storehouse, (illus) **174**, 1713.
Modern General Mess, (illus) **118**, 621.
Navy Supply Department in War Time **205**, 379.
Recent Changes in British Messing and Canteen Methods **126**, 667.
Ships General Mess **148**, 1589.
Ship's General Storekeeper, (illus) **144**, 1405.
Ship's Spirit: Story of Pacific Fleet **204**, 253.
Ship's Store and Its Possibilities **119**, 1079.
Dyer, J.R.
Air Supply--Requisite of True Air Power **476**, 1379.
Jan Mayen **466**, 1725.
Dyer, W.A., Jr. **681**, 103.
The Hobson Craze (Shaw) (C&D) **883**, 83.
Personality Plus in Warships **327**, 379.
Dyes: German and English Industries **220**, 930.
Dygogram, The: Its Construction, Description and Use. John Gibson **71**, 555.
Dynamite, Breaking up Old Guns by. Tr. by C.E. Munroe **14**, 397.
Dynamite Cruiser: See: Vesuvius (U.S.).
Dynamite Gun, Report of Trial of. W.C. Whitney **49**, 386.
Dynamo Drivers, Water Motors as Marine. F.J. Haeseler **74**, 281.
Dynamo Machine and Electric Light, The Naval Use of. J.B. Murdock **21**, 343.
Dynamo Machinery, Notes on Naval. J.B. Murdock **68**, 345.
Dynamo Machines, Tests of **23**, 137.
Dynamometer
Universal Dynamometer, (illus) **129**, 67.
Universal Dynamometer. In Niblack, A.P., The Swedish System **138**, 425.
Dysart, A.S.: Notes on Ground Tackle **303**, 372.
Dyson, C.W. **243**, 844. **269**, 1236. **346**, 1704.
Dyson, G.E.: Engineering Progress in U.S. Navy, 1913: **145**, 401.
Dyson, G.W. **580**, 657.
and C. Wilkenloh: Navigational Lights Under Wartime Conditions **520**, 825. **522**, 1090.
and Charles W. Shilling: Research in Psychological Science **631**, 1023. **634**, 1381.
and J.C. Snidecor: Damn That Talker **523**, 1185. **527**, 77. **530**, 454.
Benjamin Franklin Isherwood **462**, 1139.
Charles H. Haswell and Steam Navy **432**, 225.
Scientific Liaison **535**, 1073.
Sea Power and Roman Britain **457**, 368.
Sound Recording Has Gone to War **512**, 1203.
Vocational Schools and United States Navy **551**, 73.
Why Lookouts? **517**, 385.
Dzikowski, R.J.: Master Mariner to Master Submariner (C&D) **776**, 103.

E

E-2 (U.S. Submarine)
The E-2's Batteries **168**, 394.
Gas Explosion Aboard the E-2: **162**, 613. **167**, 160.
E-2A Early-Warning System Operations in the Western Pacific (ProfNote). J.J. Mulquin **773**, 132.
E-2C Hawkeye: A Most Versatile Bird (ProfNote). J.B. Russell **892**, 104.
E-3 (British Submarine): Sunk by German Vessel **154**, 1872.
E-7 (British Submarine): Torpedoed and Sunk **160**, 2147.
E-7 (HMS) **242**, 654, 659.
E-9 (British Submarine): Makes Raid into River Ems and Sinks German Destroyer **54**, 1872.
E-11 (British Submarine): The Tale of the E-11: **158**, 1376.
E-11 (HMS) **242**, 652, 655.
E-12 (HMS) **242**, 653, 658.
E-13 (British Submarine): Torpedoed **159**, 1727. **160**, 2136.
E-14 (British Submarine): Sunk **182**, 930.
E-14 (HMS) **242**, 651.
E-15 (British Submarine): Loss of the E-15: **157**, 1018.
E-15 (HMS) **242**, 649.
E-17 (British Submarine): Loss of the E-17: **162**, 652.
E-20 (British Submarine): Loss of the E-20: **160**, 2146. **161**, 316.
E-22 (British Submarine): Sunk by German Forces **163**, 1040.
Eadie, L.D.: Mystique of Command Presence (Stivers) (C&D) **793**, 108.
Eads, James Buchanan: James B. Eads: Navy Shipbuilder, 1861 (OldNav). P.F. Dorset **870**, 76.
"Eagle" Boats: See: Submarine Chaser and Patrol Boats.
Eagle (ex-Horst Wessel): Tall Ships and Sailormen: Operation Sail 1972. D.V.V. Wood and K.W. Thompson **852**, 40.
Eagle (HMS) **226**, 1955. **303**, 440. **336**, 264. **338**, 551. **344**, 1421. **345**, 1574. **348**, 216. **350**, 614. **351**, 763, 766. **353**, 1087. **354**, 1221. **357**, 1675.
Launched **186**, 1857.
Eagle (surv. ship): Skipper of the Eagle: Rehearsal for Greatness. J.H. Clagett **878**, 58.
Eagle (U.S.) **478**, 1714.
See also: Farenholt, A. **128**, 1279 and McGowan, Gordon. Square-Rigger Still the Best Teacher?
Eagle Spreads Her Wings (Pict) **620**, 1145.
Hydro at 125: **642**, 882.
Pictorial **804**, 69.
Eagle and the 'Roo: American Fleets in Australian Waters. J.H. Moore **825**, 43.
Eagle Boats
of World War I (OldNav). F.A. Cianflone **844**, 76. **849**, 89.
Our Russian War of 1918-1919 (C&D). R.T. Strong **796**, 112.
Eagles, C.E.J. **622**, 1392.
Earhart, Amelia: Amelia Earhart's Final Flight. F.X. Holbrook **816**, 48. **825**, 88, 91, 92, 93, 94.
Earl, R.L.: Against All Enemies (Hanks) (C&D) **809**, 93.
Earle, F.M.: Employment of Women in Navy Yards **511**, 1051.
Earle, R. **218**, 561. **247**, 1491. **273**, 2223. **283**, 1780. **310**, 1085. **330**, 748. **380**, 1439.
Battleships **165**, 1413. **167**, 133.
Destruction of the Liberte **140**, 1275.
Development of Our Navy's Smokeless Powder **152**, 1041.
John Adolphus Dahlgren **265**, 424.
Naval Scouts: Their Necessity, Utility, and Best Type. (illus) **157**, 1099.
Notes on the Balkan War, maps **145**, 333. **146**, 807.
On An Instance of the Action of Suction Between Vessels **141**, 303.
On the Role of Doctrine in Naval Warfare **156**, 358.
On the Stability of Smokeless Powder **136**, 1141.
On the Torpedo Plane **198**, 1409.
Origin of Our Signal Book **143**, 1036.
Portrait **196**, 909.
Relations of Gunnery and Tactics **232**, 917.
Santa Barbara: The Patroness of the Naval Bureau of Ordnance **184**, 1215.
Sources of Supply of Nitrogen Compounds **176**, 2225.
Earle, R., Jr.: Talkie True (anec) **592**, 619.
Early, A.R., Jr. **530**, 452.
Ear Protectors: "Antiphone" as an Ear Protector During Gunfire **130**, 595.
Earth Features and Navy Pilot. F. Green **249**, 1773.
Earthquakes
Earthquake Risk in Los Angeles-Long Beach Harbor. H. Leypoldt **490**, 1589.
Earthquakes and Navy. N.H. Heck **420**, 205.
Japanese Earthquake and Naval Budget. H.C. Bywater **254**, 645.
Our Navy and South America's Greatest Earthquake. H.C. Votaw **541**, 345.
Seismic Intelligence Protects Hawaii. C.D. Meaney **568**, 655.
Seismology and Navy. R.H. Knight **378**, 1110, 1137.
South Atlantic Ocean **249**, 1941.
South China Sea Submarine Eruption **250**, 2106.
East, D.C. (co-author): See: J.W. Kehoe.
East China Sea: The East China and Yellow Seas (NavRev). J.R. Dewenter **867**, 188.
East Germany
East German Militarization (ProfNote). C.P. Lemieux **695**, 141.
Underwater to Freedom (ProfNote). M.W. Martin **806**, 119.
Easterbrook, P.W.: There Is No Place Like Home (anec) **648**, 163.
Eastern Mediterranean and the Black Sea, Strategic Analysis of the (C&D) **847**, 95.
Eastern Philippines, Battle of **506**, 413.
Eastman, A.E.
Laying Aside the Citizen **679**, 54.
Public Affairs in the Instant World **793**, 78. **798**, 106.
Eastman, R.S. **719**, 130. **725**, 108.
"East Wind Rain". Trumbull Higgins **633**, 1198.
Eastwood, M.E.: Attack Carriers: The Human Equation (Schelin) (C&D) **868**, 84.
Eating Through Years. J.H. Skillman **457**, 361.
Eaton, J.G.
Domestic Steels for Naval Purposes **49**, 317.
Steel Inspection of Structural and Boiler Material **47**, 641.
Eaton, J.P. **717**, 115.
Lord of the Californian (C&D) **784**, 110.
Eaton, W. **467**, 72.
"Hero of Derne." C. Moran **458**, 497.
To Shores of Tripoli. E.M. Eller **361**, 347, 411. **366**, 1192.
Eaton, W.E.: The Odd Ones (Pict) (C&D) **820**, 91.
Eaton's Blockade of Tripoli. F. Howland **354**, 1186.
Ebbert, E.L.: NavCad or College Grad? (Williams) (C&D) **833**, 92.
Ebbert, J.A.: Pink Patent Pumps Among the Brown Shoes (C&D) **814**, 83.
Ebbert, Jean: Navy Social Calls (Flynn) (C&D) **871**, 80.
Eber (German Gunboat): Loss of the Eber **178**, 3029.
Eberle, E.W.
Abolition of Transports Proposed **290**, 463.
Homing Pigeons as Messengers of the Fleet **84**, 615.
A Messenger-Pigeon Service for Naval Purposes **76**, 835.
Navy and Merchant Marine **284**, 1931.
The Navy's Cooperation in the Zapote River Campaign **93**, 105.
Office of Naval Operations **297**, 1153.

On Training Landsmen **105**, 230.
Our Navy and Its Needs **259**, 1399.
Sea-borne Commerce of U.S. **296**, 1060.
Sea Power and Future of Navy **272**, 1832.
Some Practical Notes on Battleships **85**, 111.
Eberlein, Otto P.: Diesel Wings in the Navy's Future **626**, 435.
Ebersole, J.F.
Lost Sheep: Our Navy in the World of Good Intentions (Schreadley) (C&D) **857**, 85.
NC-4: History Preserved (Johnston) (C&D) **799**, 106.
Skimmer Ops **857**, 40. **862**, 88.
Ebert, Friederich: Elected President of Germany **193**, 478.
Ebon, Martin
Book Review **871**, 87. **875**, 73.
Eccles, H.E. **532**, 720. **542**, 483. **543**, 629. **609**, 1259. **617**, 809, 813. **618**, 928. **687**, 108.
Allied Staffs **606**, 859. **608**, 1129.
Crash Programs and the Logistic Snowball **697**, 68.
King of the Oceans (Sanders) (C&D) **869**, 79.
Logistics--What Is It? **604**, 645. **607**, 1017.
Eccles, H.T.: Operational Readiness and Military Requirements (C&D) **743**, 104.
Echo, A.P. (nom de plume): See: E.P. Aurand.
Eckelmeyer, E.H., Jr.: Story of Self-Sealing Tank **516**, 205.
Eckhardt, G.H.
Governors of U.S. Naval Home **329**, 636.
Police of Our Foreign Trade, the Navy **349**, 366.
Eckhart, M., Jr. **697**, 112.
Another Kind of Strategy **799**, 26.
"The Wit to See" **738**, 34.
Eckner, H.: Airships in Commerce **264**, 329.
Eclipses
Celestial Cruise. H.V. Wiley **266**, 604.
Eclipse Expedition 1929. C.H.J. Keppler **329**, 603.
Eclipse Expedition to South Seas. C.H.J. Keppler **338**, 461.
Naval Expeditions **259**, 1589.
Ecology: Nothing But Blue Skies. Robert Leider **832**, 27. **836**, 85, 87, 88.
Economic Policy
Challenge We Face. C.L. Henn, Jr. **643**, 928.
Dilemma in Oil. A.B. Zerfoss **732**, 54.
Multinational Corporations. R.A. Bowen **839**, 54.
U.S. Aid--and Independence (ProfNote). W.R. Thomas **806**, 115.
Economic Resources: Strength and Weakness in Asian Littoral. P.B. Brannen **670**, 68.
Economics
Breaking Economic Strangle Holds. A.R. Blessing **351**, 707.
Burke, E.: Quoted **345**, 1593.
Conference Meeting **335**, 130.
Dollar at Sea. P.P. Blackburn **236**, 1707.
Economics and Navy. K.C. McIntosh **298**, 1263.
Economics in War of Today--Boycotts, Sanctions or Blockade. B.O. Lisle **456**, 227.
Economic War. H. Russell **346**, 1709.
Economic War Potential, Need for Strategic Intelligence on. R.A. Rowe **545**, 803.
Economy of Naval Armament. E.S.R. Brandt **357**, 1597.
Economy, True and False **206**, 622.
English Unemployment **271**, 1755.
Let Caissons Roll. A. Lee **356**, 1458.
World Economics and Disarmament. S.F. Bryant **339**, 623.
Economy Program
Halfway Measure (C&D). T.G. Martin **803**, 102.
Navy Identifies New Reductions (Nbk) **803**, 133.
Ecuador. A.T. Beauregard **462**, 1151.
Edel, W.W.
Angel of Church That Is at Annapolis **474**, 1067.
Golden Age of Navy Chaplaincy **256**, 875.
Edelson, B.I. **768**, 115. **770**, 111, 112, 113, 114. **774**, 106.
and J.J. Dougherty: Navy Satellite Communications **713**, 67.
The Ph.D. in Uniform **765**, 70.
Ships and Satellites **724**, 49.
Edelstein, D.N.: Worlds Apart? **840**, 18. **847**, 81, 82. **849**, 95. **851**, 79.
Eden (HMS)
Description **106**, 469.
Sunk in Collision **172**, 1361.
Trials **109**, 242.
Ederheimer, P.E.: Just Read the Signals (anec) **681**, 55.
Edgar, W.A.: On Absence Over Leave **141**, 300.
Edgard-Quinet (French Cruiser)
Description **112**, 842.
Launched, description **124**, 1513.
Edgar Quinet (FN) **325**, 239.
Edison Electric Light on Board the Albatross. Seaton Schroeder **29**, 313.
Edisto (U.S.) **550**, 1491.
Editing a Magazine **294**, 925.
Edmonds, C.H.K.: Aerial Cooperation with Navy **221**, 1114.
Edsall (U.S.) on Relief. E.B. Perry **438**, 1128.
Edson, J.B.: Pressure-recording Instruments **41**, 155.
Education and Training
See also: Naval Education.
Academic vs. Technical **349**, 438.
Academician in Naval Profession. W.H. Crew **354**, 1110. **361**, 416.
"AcDuTra": A Reserve's Judgment. W.C. Becker **769**, 70. **775**, 117, 118. **777**, 105.
AcToV--U.S. Navy's Accelerated Turnover Program (ProfNote). J.M. White **804**, 112.
Adult Officer Education. W.W. Bradley **257**, 1122.
Advanced Education
Graduate Education Program for Operational ASW (ProfNote). O.A. Hahs and C.O. Wilde **840**, 105.
Graduate Education--Continuing Imperative (C&D) **851**, 85. **854**, 103, 105.
Mysterious PG Selection Process. E.W. Lull **782**, 41. **787**, 106.
Moonlighting Toward a Master's. T.W. Goad **786**, 59. **789**, 113. **791**, 102. **793**, 109. **796**, 113. **801**, 126, 127.
Sailors as Scholars. F.H. Hartmann **823**, 40.
Unrestricted Line Ph.D.: An Assessment (ProfNote). N.E. Hoehler, III: **852**, 108. **856**, 93. **857**, 91.
Air Force--U.S.: Aerospace Research Pilot School (ProfNote). W.S. Smith **734**, 132.
Air War College. P.P. Blackburn, Jr. **575**, 53.
American Fighting Man, I Am An (ProfNote). J.E. Magee **654**, 903.
ANSCOL, This is. E.S. Watson and S.M. Brown **513**, 1327.
ANSCOL At Naval War College. T.A. Brown **517**, 433.
Are We Raising a Frankenstein? F. Jansen **335**, 107.
Armed Forces Staff College. E.R. McLean, Jr. **594**, 833.
Aspects of Technical Education **269**, 1305.
Astronautics--A Seminar (ProfNote). G.D. Zally **711**, 149.
Australian Cadets Moved **333**, 1039.
Aviation and Naval Educational System. H.E. Day **431**, 57.
Basic Education of Officers. W. Folk **264**, 274. **266**, 611. **268**, 1016.
Beginnings of Naval Academy. C.O. Paullin **252**, 173.
Better Preparation for War. A.W. Hinds **282**, 1496.
Bibliography for General Line Course Students. H.F. Sturdy **307**, 821.
Blue and Gold Caduceus **730**, 124.
Brazilian Estimate of British Naval Education **95**, 529.
Breakthrough at the U.S. Naval Academy [new curriculum]. H.O. Werner **728**, 54.
Broadening Our Education (ProfNote). P.C. Keenan, Jr. **695**, 140.
California Nautical School **339**, 682.
Career, Choice of, within Navy. R. Gerber **604**, 621.
Challenge in Teaching--Foreign Military Student. R.M. Netherland **685**, 78.
Coast Guard Academy. G.H. Toole **335**, 109.
College, Technical School, and Naval Academy. H.E. Rossell **324**, 123. **325**, 225. **327**, 435. **330**, 748.
Combat Readiness Training. J.B. Kusewitt and W.A. Speer **805**, 45. **809**, 96. **813**, 83. **815**, 83. **817**, 89.
Commander in Chief. A.E. True **457**, 337.
Co-ordination in Army and Navy Training. D. Williams **230**, 593.
Counterinsurgency Training for the Navy (ProfNote). G.D. Brewer **772**, 136.
Damage Control School. R.D. Heinl, Jr. **457**, 382.
Deck Officer Training for Merchant Marine. T.W. Sheridan **346**, 1637. **348**, 317. **351**, 745.
Defense Systems Analysis Education Program (ProfNote). E.J. Ortlieb **762**, 148.
Demotion of Professionalism at the War Colleges. E.L. Katzenbach, Jr. **745**, 34. **748**, 110, 112, 114. **751**, 112, 115.
"Dilbert Dunker." C.F. Barrett **504**, 173.
Doctrine for Post-War Training. R.C. Parker **525**, 1419.
"Do-It-Yourself" Postgraduate Education (ProfNote). Don Walsh **757**, 146.
Education and Training of Naval Officers: An Investment in the Future (NavRev). W.L. Maloy **867**, 134. **872**, 90.
Education and Training of Officer Personnel. R.E. Bassler **249**, 1818.
Education: A Reciprocal Civic-Military Objective (ProfNote). G.B. Tamburello **800**, 141.
Education Before War. H.L. Sargent **492**, 133.
Education of Decision-Makers at the Naval War College (ProfNote). G.L. Michael, III: **839**, 105.
Education of Merchant Marine Officers. J.H. Tomb **355**, 1277. **358**, 1801.
Education of Naval Officer. F.K. Elder **489**, 1443.
Education--of the Line. R.B. Kelly **682**, 48.
Education vs. Propaganda **312**, 174.
Engineering, Co-operative Plan **434**, 575.
Engineering Experience: Value to Captain. P.W. Foote **246**, 1243.

Education and Training (Cont.)
Engineering Education, Early, and United States Navy. W.F. Durand **528**, 167.
English Naval **222**, 1287. **241**, 485. **335**, 111.
Enlisted Annapolis for Chiefs (ProfNote). R.W. Jones **648**, 227.
Enlisted Training in Navy. D.E. Cummings **320**, 878.
Every Man's Task Force. J.C. Shaw **767**, 62.
Ex-scientia Tridens. G.V. Vroom **233**, 1167.
Fair Exchange. G.M.W. Acda **773**, 60.
Files as Source of Information **387**, 617.
First Element of Training For War. R.E. Krause **340**, 776. **343**, 1253. **344**, 1399. **346**, 1702.
First Inter-American Naval Academy Conference (ProfNote). G.R. Guimond **704**, 146.
Fletcher School of Law and Diplomacy (ProfNote). L.E. Zeni **716**, 134.
Foreign Languages at Naval Academy. H.F. Cope **493**, 271.
French Cadets **343**, 1262.
Game for All Hands. C.C. Wood **349**, 340.
Gas Training **346**, 1711.
Germany's School Ship **233**, 1194.
Give Us the Ships! A.A. Balunek **830**, 34. **837**, 92. **838**, 87.
Graduate Education--Continuing Imperative. Mason Freeman **847**, 56. **850**, 87.
Graduates, Naval Academy, for Merchant Marine **345**, 1575.
Graduates, R.O.T.C., for Merchant Marine **345**, 1575.
Growth of Naval Officers. F.A. Todd **355**, 1325. **358**, 1799.
Higher Naval Education. J.M. Scammell **231**, 753.
Holloway Plan 17 Years After (ProfNote). E.E. Hopley **738**, 151.
Holloway Plan--Summary View and Commentary. J.L. Holloway, Jr. **537**, 1293.
Inability of Engineering Students **354**, 1229.
In Defense of Trade Schools. R.A. Hall **533**, 801. **535**, 1105.
Indoctrination of Recruits. J.M. Scammell **247**, 1447.
Industrial College of the Armed Forces (ProfNote). D.H. Lyness **743**, 131.
Industrial College of Armed Forces. J.M. Scammell **529**, 295.
Intellect: The Common Ground. H.H Sacks **679**, 78.
Intelligence Specialists, Naval, Trained on Post-Graduate Level. R.A. Kotrla **535**, 1061.
Interdepartmental Instruction Aboard Ship. T.C. Parker **438**, 1110.
International Mission for Naval War College (ProfNote). A.C. Miller, Jr. **658**, 1361.
Italian Junior Officers **291**, 598.
Japanese Infantry Training **279**, 971.
The Job. J.O. Hoffman **237**, 1915.
Knox-King-Pye Board **210**, 1265. **318**, 746.
Landing Operations, Teaching, with Models. C.G. Richardson **376**, 796.
Law of War Training in the Navy and Marine Corps. Hays Parks **898**, 26.
Let's Establish a Sea Cadet Program **704**, 118.
Line School, First Year of. J.C. Shaw **537**, 1341.
Line Task: Command. A.H. Tawresey **314**, 296. **319**, 799.
Long, Hard Climb to Professionalism. C.M. Guelzo **768**, 85. **772**, 111.
Lung Training At Submarine School. H.F. Cope **357**, 1610.
Man the Books. A.L. King **348**, 238, 280.
Marine Corps Training. J.L. Zimmerman **557**, 787.
Marineschule Murwik--Naval Academy of the Federal German Republic (ProfNote). Karl Peter **712**, 140.
Mass Inst. of Tech. Ship Operation Course **339**, 683.
Master's Degree Program for Student Naval Aviators. D.H. Guinn **792**, 37.
Mates' Qualifications for Merchant Marine **345**, 1575.
Merchant Marine Officer Training. F.E. Cross **346**, 1641.
Meteorology and Aerology School Pensacola **202**, 2084.
Midshipman Cruise Aboard USS Forrestal (ProfNote). R.P. McNergney **655**, 1023.
Military Education. W.P. Cronan **312**, 113.
More and Better Geography Needed. W.H. Hessler **682**, 40.
More Education for Naval Officers. F.J. Nelson **344**, 1364. **347**, 108.
Motion Pictures in Naval Training--An Overlooked Essential. S.G. Kelly **458**, 489. **461**, 1010.
Motion Picture Training Films in Navy. W. Exton, Jr. **485**, 933. **487**, 1237.
NAPS Comes of Age. W.P. Mack and H.F. Rommel **572**, 1107.
NJROTC Comes of Age (ProfNote). T.W. Murphy **847**, 107.
NJROTC Diary. Larry Watson **821**, 44.
NJROTC: Profile and Practice (ProfNote). D.S. Capozzalo **869**, 97.
NROTC--42 Years of Service (ProfNote). V.J. Anania **799**, 141.
NROTC Plight. P.H. Smith **752**, 64. **756**, 102, 104, 105, 106, 107. **758**, 134.
NROTC--A Quality Education? (ProfNote). N.T. Hansen **835**, 110.
NROTC: Quo Vadis? E.N. Bouffard **893**, 33. **896**, 68. **897**, 82, 83. **898**, 79.
Nakhimov Naval Cadet Schools (ProfNote). A.E. Graham **890**, 104.
National War College--a Civilian Appraisal. W.H. Hessler **637**, 272.
Nautical School, N.Y. State **330**, 759.
Naval Academy of Today and Its Mission. J.L. Abbot, Jr. **691**, 31.
Naval Academy Preparatory Class. P.D. Gallery **409**, 376.
Naval Destroyer School (ProfNote). J.F. McNulty **758**, 156.
Naval Engineering Training **269**, 1256.
Naval Finance and Supply School. D. Potter **402**, 1138.
The Naval Officer as Educator. J.M. Lord **869**, 44.
Naval Officer as Speaker and Instructor. I.E. McMillian **558**, 909.
Naval Officer as Teacher. F. Howland **455**, 9.
Naval Postgraduate School, Sixty Years Young. R.W. McNitt **808**, 68.
Naval Preparatory School--More Than 40 Years of Preparation (ProfNote). Henry Ortland, III: **740**, 126.
Naval Recruit Training (Pict). L.D. Hamilton **755**, 93.
Naval Training. J.E. Pond **227**, 1.
Naval War College Takes a New Look at Its Courses. Granville A. Moore **623**, 68.
Naval Warfare in Miniature. S.A. Smiley **383**, 54.
Naval Youth Programs. E.L. Barker **844**, 42. C&D: **851**, 84.
NavCad or College Grad? J.E. Williams **830**, 49. **833**, 92. **837**, 95, 96.
Navy Blue and Blonde. R.W. Kennedy **846**, 49.
Navy Education System and Education Officer. M.W. Cagle **482**, 488.
Navy--Leader in Education. T.B. Thompson **350**, 555. **354**, 1204.
The Navy Needs More Sailors. J.B. Bonds **876**, 38. **881**, 76, 77. **882**, 77.
The Navy Research Associate (ProfNote). G.A. Fulk and G.C.A. Laskaris **856**, 116.
Navy Service Schools. O. Smith **278**, 691.
Navy's Mathematical Submarine (ProfNote). H.N. Bowes and J.L. Degnan **682**, 145.
Navy Training, Past and Present. J.S. Oller, Jr. **897**, 26.
Navy University. R.S. Craighill **555**, 523.
Navy--U.S.
Let's Gear Training to the Job. W.F. Vose **731**, 66. **737**, 102, 104, 107.
142 Academy, NROTC Graduates Become Potential PG Students (Nbk) **734**, 145.
Practical Counter-Insurgency Training (ProfNote). H.M. Robinette **737**, 130.
Navy Without Weapons? (ProfNote). J.T. Bonner **828**, 113. **847**, 84.
Need for Language Training (ProfNote). R.L. Muros **696**, 142. **700**, 101.
Need Increased for Officers **333**, 1064.
New Approaches to Basic Training. F.S. Thomas **656**, 1044.
New Approach to Postgraduate Education (C&D). D.F. Mitchell **787**, 105.
New Course for the NROTC. Frederick Bopp, III: **768**, 80. **771**, 127. **773**, 107, 108. **775**, 108. **777**, 111.
New Directions in Naval Academy Education. Wayne Hughes, Jr. **687**, 37.
N.Y. State Merchant Marine Academy. A.M. Tode **321**, 959.
North Atlantic Defense College (ProfNote). J.R. Anderson **728**, 153.
Nuclear Power Training (ProfNote). T.H. Taylor **725**, 130.
Oceanic Education Is Needed for Our School Systems (C&D) **858**, 82. **862**, 82.
Oceanographic-Hydrographic Training (ProfNote). W.L. Tressler **747**, 152.
Officer Candidate School (USN) (Pict) **733**, 88.
Officer Education at Home and Abroad. L.J. McGowan **329**, 634.
Officers for the 1980s: A Challenge for NROTC. M.E. Soper **864**, 40. **869**, 73, 74, 75, 76.
Officers Submarine School (ProfNote). G.E. Synhorst **778**, 140.
Our Imperiled State Maritime Academies. W.B. Hayler **832**, 50. **838**, 88.
Our System of Fleet Training. R. Willson **266**, 572. **267**, 804.
Personality and Education **204**, 292.
Personnel: Co-operative Training **275**, 227.
Personnel Efficiency. A.E. Becker, Jr. **345**, 1469. **348**, 279. **351**, 750. **352**, 902.
Personnel Training, Naval. O.O. Hagen **286**, 2419.
Professional Officer Educators (C&D). J.D. Cummings **768**, 118. **771**, 121.
Postgraduate Education and Promotion: A Significant Relationship? D.A. Paolucci and F.I. Collins, Jr. **767**, 56. **771**, 125. **772**, 107. **776**, 105.
Postgraduate Instruction
A.M. Grannun **236**, 1795. **317**, 595.
A. Sharp **251**, 48.
P.G. School. F.H. Featherston **730**, 62. **733**, 110.
Postgraduate Selection (C&D) **841**, 107.
PG Training **708**, 119.
The Ph.D. in Uniform. B.I. Edelson **765**, 70. **768**, 115. **770**, 111, 112, 113, 114. **774**, 106.
Photo Journalist at Syracuse University (ProfNote). Russ Egnor **773**, 137.

Post-War Navy. W.I. Denny **498**, 967.
Practical Naval Officer. W.S. Sims **218**, 525.
Profile of Soviet Military/Naval Schools (ProfNote). J.A. Fahey **798**, 134. **806**, 102. **812**, 85.
Progress and Problems in the War Colleges. R.R. Campbell **787**, 52.
Public Servants, Candidates for. D.A. Frost **382**, 1713.
Purdue's Mathematics Course for Retired Officers (ProfNote). J.H. Hogg **685**, 137.
Quality of Seaman Second Class. E.M. Williams **256**, 903.
ROC School, Treasure Island, California (Pict) **584**, 1093.
ROCTWO Program at the U.S. Naval Academy--Summer 1968 (ProfNote). Alexander Monroe and T.C. Lane **790**, 142.
Rebuttal of a Young Sea Dog **722**, 110.
Recruits and Basic Leadership Opportunities. W.J. Catlett **657**, 1159.
Reflections of a Foreign Student. E.H. Van Rees **684**, 37.
Reserve Officer's Training Corps **341**, 983.
Retired Officer in Education. R.F. Armknecht **638**, 401. **641**, 763, 764.
Rhodes Scholar, Naval. L.S. Fiske **326**, 328.
Riding a Hobby. H. Wagner **328**, 486.
Russian Military Training **346**, 1714.
School for Destroyer Seamen **298**, 1355.
School for Officers, 1815: **431**, 62.
School of Line, Chief Petty Officers'. R.F. Larmour **409**, 355. **424**, 887.
School of the Ship (ProfNote). R.R. Tarbuck **724**, 140.
Schoolmaster, Service. M.E. Barker **386**, 501.
Science and Navy. F. Green **236**, 1697.
Sea Dogs and Syntax. L.T. Miles **435**, 661. **438**, 1185.
Sea Grant College Program (ProfNote). Claiborne Pell and Fitzhugh Green **775**, 143.
Seaweed and Ivy [N.Y. Maritime College]. G.M. Gregory **647**, 33.
Service Academies and Higher Education. W.E. Simons **704**, 41.
A Ship, A School and A Century of Learning (ProfNote). G.J. Nolan **862**, 102.
Shoreside Checkout for Seagoing Destroyer Officers. H.H. Sacks **708**, 58. **712**, 112.
Should We Train Ships or Men? W.W. Strohbehn **569**, 759.
Slide Films for Training Use. H.W. Dusinberre **472**, 839.
Specialization: Lest Essence Be Lost. H.C. Fischer **386**, 527.
Stewards and Cooks, Higher Education for Officers. C.J. Harter **409**, 321. **412**, 868.
Student Aviators and Naval Aviation. D.D. Sullivan **699**, 69.
Study of History for Naval Officers. C.B. Mayo **225**, 1755.
Study of Naval History. H.J. Fenton **201**, 1867.
Supply Corps School of Instruction. K.C. McIntosh **232**, 953.
Surface Warfare Officers: The Need for Professionalism. R.J. Hart **880**, 38. **884**, 91. **885**, 74, 75, 76. C&D: **895**, 92.
Synthetic Training for Economy and Readiness. J.G. Vaeth **610**, 1331.
Synthetic Training in War Program. L. de Florez **503**, 55.
TAOs: To Fight the Ship. R.B. Pettitt **852**, 55.
Tactical School, Evaluation of. J.C. Breckinridge **381**, 1537.
Teacher Shortage, Solution for (ProfNote). W.J. Davis **653**, 791.
Technical PG Quandary. J.G. Carl **727**, 42. **733**, 111, 112.
Third Thursday Society: A Professional Experiment (ProfNote). J.T. Strong **787**, 143.
Top Gun--The Navy's "MiG-Killing" School (ProfNote). Andrew Hamilton **875**, 95.
Training Courses, Story of. E. Pinkowski **516**, 251.
Training and Education--Subspecialty: A Reality (ProfNote). C.C. Vernam **853**, 114.
Training Engineers. W. Ellis **275**, 156.
Training for Combat Readiness (ProfNote). D.R. Harris **667**, 123.
Training Future Naval Officers **730**, 123.
Training in Navy. R.H. Leigh **308**, 883.
Training in Sail **654**, 891.
Training Landing Force. R.D. Heinl, Jr. **464**, 1452.
Training Merchant Marine Officers **331**, 858. **333**, 1036. **346**, 1641.
Training Naval Officers. A.P.H. Tawresey **283**, 1746. **286**, 2570.
Training Officers of Deck, Carrier Style. P.R. Stroop **598**, 1297.
Training of Fleet. H.J. Ziegemeier **296**, 1084.
Training of Government Official. D. Potter **262**, 1982.
Training of Officers. E.M. Thompson **358**, 1751.
Two Colleges. M.F. Talbot **362**, 500.
Two Dozen Books. H.H. Frost **279**, 866.
USAFI Faces Impasse. D.H. Greene **515**, 35.
U.S. Naval Academy Foreign Affairs Conferences (ProfNote). D.M. Rubel and Paul Skarlatos **724**, 144.
Vietnamese Naval Academy. R.L. Madouse **793**, 48.
Vocational Schools and United States Navy. G.W. Dyson **551**, 73. **580**, 657.
Wanted: Customers (C&D) **837**, 92.
Wanted: A Surface Line School for Junior Officers (ProfNote). R.C. Smith, IV: **729**, 129.
War: Study by Junior Officers **353**, 1085.
War College Education and the Future (ProfNote). R.G. Colbert **849**, 107.
WAVE Training. J.L. Woodruff **504**, 151.
Wetter, Better NROTC. J.W. Corey, Jr. **808**, 64. **816**, 82. **818**, 94. **817**, 94.
Whampoa Academy. (China) J.H. Herzog **782**, 46.
What Is Military Mind? H.E. Smith **603**, 509.
What We Don't Know Can Hurt Us. J.F. Calvert **671**, 55.
"Where Do We Go from Here?" J.S. McCain, Jr. **551**, 47. **558**, 941.
Why Educate Naval Officer? W.B. Prendergast **563**, 49.
Why Not Standardize Shipboard Training? (ProfNote). S.E. Beyer **703**, 134.
Why Primary Flight Training? M.H. Portz **496**, 671.
Ye Compleat Naval Officer. A.R. McCracken **443**, 22.
Edward L. Dohoney (SS): Young America, (illus). S.E. Moses **192**, 233.
Edwards, C.C. **669**, 110.
Edwards, D.J.
  Battle of Salamis, 480 B.C. **432**, 161.
  Chinese Communist Territorial Water Claims (ProfNote) **728**, 157.
  Polynesian Navigation **451**, 1284.
Edwards, F.A. **518**, 573. **522**, 1089.
Edwards, H.W. **621**, 1274. **629**, 825.
  Closed Ice Box of East Siberia **701**, 54. **705**, 110, 111.
  Naval Lesson of Korean Conflict **622**, 1337.
Edwards, J.P. **668**, 101.
Edwards, John R.: On Preparedness **170**, 848.
Edwards, L.R.: Member of the Institute in Good Standing (anec) **716**, 63.
Edwards, M.B.: United States Navy for the Future (Smith) (C&D) **821**, 90.
Edwards, R.J. **688**, 125.
Edwards, R.N.: USS Repose (AH-16) (Pict) **782**, 80.
Edwards, R.S. **233**, 1177. **580**, 659.
  On Fleet Submarines **166**, 1955.
  On "Principles of the Gyroscopic Compass" **161**, 215.
Edwards, S.H
  Image of Command **804**, 36. **809**, 101, 102, 103. **811**, 98. **815**, 88. **816**, 84. **824**, 95.
  Is Military Unionization an Idea Whose Time Has Come? (Kane) (C&D) **890**, 77.
Edwards, S.P., Jr.: Katusa--An Experiment in Korea **659**, 31.
Edwards, W.A. **218**, 564.
  Battle Trench Pumping Outfit, (illus) **178**, 2921.
  Incentive in Junior Grades **295**, 962, 1000.
  Steering Men-of-War by Electricity, (illus) **145**, 75.
  U.S. Naval Air Force in Action **237**, 1863.
Effective U.S. Control Fleet (EUSC) (Nav-Rev). S.W. Emery **807**, 158. **808**, 110.
Effect of Order of Increase Speed. H.F.D. Davis **340**, 757.
Efficiency
  Efficiency as a Basis of Organization and Wages. Harrison Emerson. (Intro. Note--P.R. Alger) **128**, 1207.
  Efficiency of Our New Ships. (Disc) **76**, 897.
  Naval Efficiency **568**, 675.
    R.J. Massey **559**, 1011.
  Suggestions for Increasing the Efficiency of Our New Ships **75**, 439.
Effingham (Eng) **265**, 461. **342**, 1110. **352**, 922. **354**, 1221.
Effron, H.M.
  8"/55 Major Caliber Lightweight Gun: Big Punch for Small Ships (ProfNote) **874**, 91. **877**, 123.
  Unrestricted Line PhD: An Assessment (Hoehler) (C&D) **856**, 93.
Egan, R.S.
  New Soviet Cruiser (Nbk) (C&D) **850**, 91.
  Strategic Significance of the Northern Sea Route (C&D) **782**, 98.
Egerton, Commander, R.N.: Naval Attacks on a Protected Harbor **55**, 585.
Eggert, E.F. **195**, 811. **200**, 1761. **276**, 323. **282**, 1568.
  Accurate Trajectories by Mechanical Integration **191**, 71.
  The Battle Cruiser **195**, 719.
  The Battleship **196**, 877.
  Concerning the Visibility of Objects at Night at Sea **131**, 949.
Eggleton, A.: Royal Australian Navy (ProfNote) **749**, 137.
Egnor, Russ: Photo Journalist at Syracuse University (ProfNote) **773**, 137.
Egypt
  Abu'l-Mahasin's Cannon **448**, 790, 793.
  Anglo-Egyptian Treaty Fails **329**, 666.
  Anti-British Agitation **326**, 273. **331**, 875.
  Constitution **334**, 1157.
  Egypt and Libya To Have Joint Naval Academy (Nbk) **811**, 99.
  Independence **212**, 1703. **231**, 859. **255**, 867. **307**, 808.
  Nimrod Spar: Clearing the Suez Canal. J.H. Boyd, Jr. **876**, 18.

Egypt (Cont.)
Persistence of Egyptian Factor in Mediterranean Strategy. C. Moran **459**, 695.
Port Said **243**, 856, 878.
Reopening of Suez: Who Gains? Who Loses? (ProfNote). J.M. Garner **860**, 103.
Return to Egypt (ProfNote). J.M. Lang **876**, 98.
Six-Day War of 1967. W.J. Kotsch **784**, 72. **787**, 113. **789**, 105.
Suez Operation. James Stewart **734**, 37.
Egyptian Obelisks. Book Notice **20**, 329.
Egyptian Sudan: Gunboats in the Desert. C.L. Parnell **789**, 74. **798**, 110.
Ehret, E.J.: Not in the Right Service (anec) **800**, 77.
Ehrhardt Anti-Aircraft Gun: Description; illustration **144**, 1670.
Eibert, G.W.: Mathematical Solution (anec) **772**, 63.
Eichelberger, C.A.
Law and Submarine **581**, 691. **582**, 907. **585**, 1225.
Navy's Medical Research and Development in World War II: **527**, 1.
Navy's Post-War Headache: Surplus Property Disposal **522**, 1047.
Eichelberger, R.L. **602**, 445.
Eifrig, D.E.: Navy Medicine: A New Prescription (Slynn) (C&D) **821**, 96.
Eilberg, J.S.
Half a Career (C&D) **762**, 119.
MEC Goes to Sea (ProfNote) **729**, 124.
Eire's Navy **687**, 101.
Eischen, G.N.: Engineering Readiness Shot in the Arm: The Propulsion Examining Board (Madouse) (C&D) **892**, 92.
Eiseman, Ben
Book Review **864**, 87.
"Daar Kom Die Alabama" (OldNav) **866**, 72.
The Next War: A Prescription **863**, 32.
Eisenhower, Dwight David: Eisenhower at the Naval War College **820**, 18.
Eising, R.A.: True and Apparent Wind **515**, 58.
Eisner, Kurt: Assassinated **194**, 688.
Ekelund, K.O., Jr.: Tactical Development in the Fleet (Smith) (C&D) **884**, 98.
Eklund, Laurence C. **721**, 120.
Ekman, R.E. **675**, 101.
Meaningful Circles (ProfNote) **705**, 142.
Ekstrom, C.E. **672**, 120. **681**, 101. **692**, 104.
Elastic Strength of a Metal, a Method of Finding... J.H. Glennon **45**, 453.
Elath, Aftermath of the. R.D. Colvin **800**, 60. **805**, 87.
Elder, F.K.
See also: Weems, P.V.H.: Strength Tests.
Education of Naval Officer **489**, 1443.
An Experiment in Indoctrination **327**, 400.
Eldorado (U.S.): See: Cover Pictures--March, 1958.
Eldridge, R.G. **695**, 112.
Canadian Hydrographic Service (ProfNote) **718**, 130.
Joint author: See: J.A. Kessler.
Elections, Supervising Nicaraguan, 1928. E.N. McClellan **359**, 33.
Electric Auxiliary Machinery in U.S. Navy. A.D. Adams **92**, 956.
Electric Batteries
The Amperehour Meter for Submarines' Batteries **163**, 965.
Care and Management of Storage Batteries. Edward Lyndon **110**, 476.
Chemistry of Primary Galvanic Cells, and General Discussion of Storage Cells. E.A. Logan **159**, 1559.
Floating the Storage Battery on the Line **185**, 1495.
Report on Edison Storage Battery, 1917: **169**, 592.
Storage Batteries for Aircraft **187**, 2162.
Submarine Storage Battery Maintenance **160**, 2064.
The "Trickling Charge" as Applied to Storage Batteries in Naval Service **193**, 339.
Electric Boat Company **342**, 1108.
Electric Equipment
Electrical Generating Equipment for USS Mississippi and Idaho, 1905: **114**, 519.
Electrical Installations of USN. (illus) B.T. Walling and J. Martin **120**, 1399. **121**, 243. **122**, 739. **123**, 1005.
Electric Installations of HMS Dreadnought **119**, 1132. **123**, 1300.
The Electric Plant of the Battleship Tennessee. R.L. Weber **198**, 1307.
The Motor Drive (illus). R.D. Gatewood **134**, 507.
Navy Standard Voltage. W.V.N. Powelson **103**, 711.
Electric Furnace
Gun-shrinking **236**, 1817.
Melting Metals Electrically **198**, 1449.
Electric Lights
First Man-of-War's **622**, 1390.
on Board Ship **55**, 597.
Electric Motors
Commutating **211**, 1534.
Generators **248**, 1745. **334**, 1143. **339**, 687.
Induction **219**, 777. **252**, 303. **253**, 476.
Operating D.C. **227**, 137.
Rewinding Main Drive Motor on Dreadnought. T.A. Solberg **235**, 1529.
Sprague, F.J. **42**, 427.
Variable Speed 3-Phase **258**, 1350.
Electric Plant: Jacona, a Floating Generator **330**, 759.
Electric Power for Marine Propulsion **91**, 635.
Electric Propulsion **141**, 367. **183**, 1037.
Abstract from Paper on., 1909. W.L.R. Emmet **132**, 1315. **133**, 296.
Applicability of Electric Propulsion to Battleships **155**, 213.
Alquist Gearing for Ship Propulsion **167**, 171.
Comment on Electric Drive of U.S. Battlecruisers **170**, 794.
Electric Drive
Bruce, B. **158**, 1197.
Mavor, H.A. **140**, 1462.
Electricity as a Means of Propulsion, 1911: **139**, 1077.
Electricity as Motive Power. L. Rothera **256**, 1004.
Electric Drive. R.S. Griffin **168**, 390.
Electric Propulsion. E. Berg **187**, 2138.
Electric Propulsion for Battleships. H.G. Knox **157**, 801.
Electric Propulsion for Ships, 1908: **126**, 740.
Electric Ship Progress, 1916: **164**, 1303.
Electric vs. Geared Drive. J.B. Shaw **247**, 1536.
Japan Adopts **200**, 1122.
Marine Propulsion by Electric Motors **133**, 291.
Motor Arrangement **228**, 313.
New Mexico, on. **210**, 1329.
Notes **218**, 618. **225**, 1802. **244**, 1032. **269**, 1274. **328**, 549.
Prospects. W.J. Belsey **306**, 694.
Reid and Mavor on Electric Propulsion **147**, 1360.
Ship Handling with. C.S. Kempff **174**, 1705.
Steam-Electric Marine Propulsion, 1909. W.P. Durtnall **127**, 1083.
Turbines **225**, 1804. **314**, 334. **340**, 828. **343**, 1260. **344**, 1419. **346**, 1720.
Turbo-Electric Propulsion of the U.S. Battlecruisers **176**, 2326.
Tynemount (SS): First Ocean Going Electrically Propelled Vessel (illus) **148**, 1770.
Electric Shock: Effect on Human System **219**, 785.
Electric Steering: See: Steering Gear.
Electric-Welded Projectiles. H.P. Maxim **62**, 251.
Electric Welding: See: Welding.
Electricity
See also: Radio.
Alternating Current vs. Direct Current for Use on Board Ship. S.M. Robinson **138**, 379.
Electrical Equipment of Ships of War **95**, 531.
Electrical Installaions, Diseases of. B.T. Walling **86**, 191. **88**, 617.
Electrical Installations of the U.S. Navy (illus). B.T. Walling and J. Martin **120**, 1399. **121**, 243. **122**, 739. **123**, 1005.
Electrical Testing, Notes on... S. Dana Green **39**, 483.
Electrical Units (Legal) in the United States **74**, 413.
Electricity at Washington Navy Yard. J.E. Price **111**, 672.
Electricity in its Application to Submarine Mines **103**, 708.
Electricity in Naval Life. B.A. Fiske **78**, 323.
Electricity in the Navy. W.M. McFarland **103**, 702.
Electricity in Warships **90**, 425.
Electricity on Board Ships. S. Dana Greene **91**, 636.
Electricity on Board Warships. S. Dana Greene **50**, 471.
Electric Motors for Ship Propulsion **124**, 1540.
F-Rays and Wireless Ignition of Magazines **149**, 257.
First Light **631**, 1049.
Light Without Heat **259**, 1589.
The Motor Drive (illus). R.D. Gatewood **134**, 507.
Navy Standard Voltage. W.V.N. Powelson **103**, 711.
Notes on Alternating Currents. L.B. Anderson **197**, 1171.
On Anderson's "Notes on Alternating Current." E.W. Stone **200**, 1759.
Piezo-Electric Effect. W.H. Crew **331**, 805.
Spark Length in Various Gases **177**, 2644.
USS Trenton--First Electric Plant **693**, 105.
Vacuum Tube: Electrical Acrobat **205**, 461.
What Happens in an Audion. J.B. Will **177**, 2505.
Electrolytic Iron **284**, 2133.
Electro-Mechanical Battle Order Telegraph. Seaton Schroeder **92**, 747.
Electro-Metallurgy. J.W. Richards **58**, 265.
Electronic Data Processing Systems
Automated Control of Logistics--the Next Step. J.S. Prokop **773**, 45.
FADAP. Seymour Dombroff **762**, 70. **765**, 126. **768**, 117.
Electronic Navigation: Precautionary Advice (C&D) **866**, 79.
Electronic Research: Fuel Cells for Space and Under Sea (Nbk) **743**, 144.
Electronics
AUTOVON/AUTODIN (ProfNote). J.J. Rowan **766**, 153.
Eight Worlds of TACDEW (ProfNote). T.W. Goad **796**, 130.
Electronics Vulnerability (ProfNote). R.C. Smith **743**, 127.
Fleet Electronics (ProfNote). George Tobin **705**, 138.
Fleet Electronics Troubles **712**, 113.
Laser Beam Aimed at Space (Nbk) **724**, 168.
Laser Gyroscope (ProfNote). J.S. Baker **744**, 145.
M.I.T. Whirlwind I Computer (ProfNote).

J.A. Kessler and R.G. Eldridge **684**, 148. **690**, 117.
Maintenance: Electronics PMS: The Unkept Promise. T.C. Schelin **862**, 48. **868**, 80, 81.
Maturing of the Electron (ProfNote). R.B. Laning **681**, 130.
Military Communications-Electronics Board (C&D). W.F. Foster **764**, 132.
New Norwegian Defense Electronics Laboratory (Nbk) **720**, 162.
New Range Finder to Aid Distant Fire (Nbk) **724**, 166.
Outcome of the Electronic Revolution in the Navy. F.G. Withington **729**, 66.
Swedish Device Checks Battery Discharge in Subs (Nbk) **720**, 163.
Electronic Warfare (EW): Air Electronic Warfare. J.S. Lake and R.V. Hartman **884**, 42.
Electrons: Discovery of. **278**, 779.
Eldredge, M.S.: The Other Side of the Island: USS Utah at Pearl Harbor **886**, 52.
Elektra (Austrian hospital ship): Torpedoed **162**, 661.
Elements and Outlook of American Sea Power. W.H. Gardiner **308**, 827. **309**, 1035.
Elements Contributing to Aerial Superiority. F.G. Percival **338**, 437. **339**, 673. **340**, 817. **346**, 1710. **349**, 415.
1100: He Flies Not; Neither Does He Sink. A.G. Nelson **829**, 44. **836**, 88, 91, 92.
1100 Officer: Endangered Species. W.D. Toole, Jr. **841**, 51.
Elgar, J.: John Elgar—America's First Iron Shipbuilder. A.C. Brown **571**, 991.
Eliot, C.J.: Ship-to-Ship Missiles (ProfNote) **837**, 108. **849**, 89.
Eliot, C.W.: Obituary **288**, 252.
Eliot, G.F. **360**, 263. **362**, 627. **364**, 883. **369**, 1627. **661**, 108. **687**, 106.
Alliance Diplomacy in Limited Wars **770**, 52. **776**, 102.
Bolt from the Blue **677**, 23. **681**, 104.
Confidence in the Sea **759**, 64.
Defense Decisions in the Dangerous Decade **695**, 23.
Fatal Virus of a Static Strategy **684**, 23. **687**, 102.
How to Lose War **569**, 707.
Our Far-Flung Ramparts **740**, 26.
Petty Officers **362**, 526. **366**, 1191.
Sea-Borne Deterrent **645**, 1143.
The Uncertain Trumpet **663**, 37.
World Environment of 1973: **719**, 25.
Elizabeth City, N.C.: Battle for Elizabeth City, 1862 (OldNav). J.M. Merrill **649**, 321.
Eller, E.M. **361**, 470. **368**, 1527. **374**, 548. **398**, 563. **430**, 1799. **432**, 254. **435**, 734. **633**, 1274. **636**, 206, 207. **664**, 113. **719**, 140.
Against All Enemies **521**, 891.
Book Reviews **738**, 130. **824**, 99. **858**, 99.
Commentary on Gorshkov Article (Part 2): **852**, 37.
Courage Is Not Enough **401**, 943.
From Across the Sea **368**, 1457.
How Shall We Win? **470**, 465.
Is Defeat Inevitable? **379**, 1201.
Japan's Rising Sun **425**, 949.
Leadership in Navy and Industry **544**, 671.
Naval Strategy **437**, 945.
Naval Strategy (1939): **848**, 94.
Navy Life Begins **392**, 1515.
The Navy's Historians (Pict) **722**, 96.
Philippines and Pacific **428**, 1467.
Principles of War (C&D) **786**, 116.
Report: Use of Tobacco by the Cadets at the U.S. Naval Academy (OldNav) **802**, 152.
Sea Power and Peace **536**, 1161.
Sea Power in American Revolution **400**, 777.
Soviet Bid for the Sea **628**, 619.
Thank the Lord They're Over! **384**, 169. **387**, 705. **388**, 860. **393**, 1690.
Three Craftsmen and Naval Academy in Moulding a Man **273**, 2049.
Time Is Life **350**, 493.
To Shores of Tripoli **361**, 347, 411. **366**, 1192.
Troubled Oil and Iran **621**, 1189.
Truxtun—The Builder **416**, 1445.
U.S. Destiny in the Middle East **645**, 1161.
United States Disaster in China **557**, 739.
Will to Win **327**, 371.
Will We Need Navy to Win? **565**, 237. **574**, 1373.
Ellery, J.B.: Heads, You Win (anec) **812**, 55.
Ellicott, J.M. **393**, 1735. **421**, 403. **430**, 1744. **432**, 252. **434**, 624. **639**, 543.
Bagging Big Game (anec) **591**, 500.
Birth of Our Naval War College (anec) **537**, 1339.
Capture of the Palmyre **323**, 49.
Child's Recollections of Potomac Flotilla **384**, 185.
Cold War Between von Diederichs and Dewey in Manila Bay **633**, 1236.
The Composition of the Fleet. Honorable Mention, 1896: **79**, 537.
Contacts With Hero of Manila Bay **563**, 69. **574**, 1374.
Corregidor in 1898: **471**, 639.
The Defenses of Manila Bay **94**, 279.
Dummy Backfired (anec) **573**, 1229.
Effect of Gunfire in Battle of Manila Bay **90**, 323.
Great Warrior's Last Sacrifice **403**, 1272.
Greely, Victim of Amphibious Noncooperation **505**, 311.
Harbor Hunting in Alaska **413**, 939.
Inside and Out (anec) **543**, 571.
It Could Be Done (anec) **536**, 1179.
Japanese Students at U.S. Naval Academy **529**, 303.
John Berrien Montgomery **374**, 533.
John H. Stevenson—Pay Corps Daredevil **474**, 1072.
The Naval Battle of Manila **95**, 489.
Naval Reconnaissance in Time of Peace **99**, 561.
Notes on Care of Rapid-fire Guns and Mounts **78**, 485.
October; All Over **466**, 1743.
Passing of Cadet Engineers **426**, 1123.
Protection of Flag **508**, 701.
Psychologic Phases of Discipline **361**, 334, 470.
Recollections of Admiral Sims **589**, 319.
Reflections on Taking a Pilot **642**, 861.
Sidelights on Mahan **548**, 1247.
Theodorus Bailey Meyers Mason: Founder of Office of Naval Intelligence **589**, 265. **595**, 1025.
Three Navy Cranks and What they Turned **260**, 1615.
Torpedoes in Exercise and Battle. Honorable Mention, 1897: **83**, 413.
Under Gallant Captain at Manila in '98: **479**, 33.
Warship Design from a Tactical Standpoint **97**, 51.
When Japan's Relapse Began **486**, 1069.
With Erben and Mahan on Chicago **463**, 1234.
Ellicott, J.W.: Near Miss (anec) **562**, 1333.
Elliot, R.M.: On "dispersion and accuracy of fire." **145**, 356.
Elliot (USS): Launched **186**, 1861.
Elliott, C.F.: Genesis of the Modern U.S. Navy **757**, 62. **761**, 120, 121.
Elliott, D.W.: "Maladie de Paix" (C&D) **756**, 109.
Elliott, F.E.: Oceanographic Platforms and Measurements (ProfNote) **730**, 145.
Elliott, J.D. (Commodore): A.F. Westcott **307**, 773. **316**, 527.
Elliott, M.H.: Navy at Newport **364**, 833, 948.
Ellis, E.B. **381**, 1606. **386**, 559. **387**, 708. **391**, 1303. **393**, 1685. **413**, 1019. **414**, 1169. **420**, 257. **436**, 933. **453**, 1631. **648**, 216. **653**, 779.
Modernize Navigation Laws for Merchant Marine **422**, 568.
Proposed Training for Merchant Marine Replacements **436**, 868.
Ellis, E.M. **409**, 395.
Gunboat Construction at Shanghai **319**, 783.
Ship Personnel and Gas Warfare **339**, 657.
Ellis, Earl H.: See: J.J. Reber.
Ellis, J.N.: Just One of the Boys (anec) **662**, 89.
Ellis, M.G.M.W. (BkRev) **877**, 131.
Ellis, M. St. C.: Battle of Cuidad Bolivar and End of the Revolution in Venezuela **111**, 679.
Ellis, R.W.: Battleships of the U.S. Navy (Pict) **720**, 94.
Ellis, W.: Training Engineers **275**, 156.
Ellison, H.J. **722**, 128.
Ellis Self-scoring Rifle Target: Description **141**, 351.
Elliston, H. **610**, 1369. **616**, 689.
Ellsberg, Edward **667**, 112.
Naval Strength in Naval Bases **147**, 975.
Releasing Gear for Launching...Whitney **258**, 1281.
Revival of the American Merchant Marine **138**, 563.
Ellyson, Theodore Gordon **619**, 1045. **815**, 35. **821**, 34. **824**, 36.
Catapult Trials **362**, 547. **368**, 1481.
Elmer, Horace
Naval Tactics **30**, 487.
Testing Water on Board Ship **9**, 434.
El Occidente (SS): Crew Praised for Gallantry **185**, 1675.
Elsass (Ger.) **336**, 257. **353**, 1075.
Else, D.H., III: Citizens in the Officer Corps...ROTC's Past and Present (ProfNote) **845**, 107.
Eltanin (U.S)
See also: Oceanographic Ship.
Exploring Southern Seas in USNS Eltanin (T-AGOR-8) (ProfNote). D.J. Wright **759**, 148.
Eltringham, G.J.: Roaming Rosalie (anec) **869**, 57.
Elwell, H.P.
Arming of the Brazilian Cruisers Nictheroy and America **68**, 391.
The Dudley Powder Pneumatic Gun **78**, 451.
Ely, Congressman Alfred: See Franklin Hanford. How I Entered the Navy.
Ely, Eugene: Flights from USS Birmingham, 1911, (illus) **137**, 174.
Ely, G.E. **551**, 100. **557**, 824.
Ely, H.B.: Mechanical Ear **301**, 225.
Emanuele Filiberto (It) **353**, 1076.
Embassy Marine, The (ProfNote). R.J. Barrett **772**, 134.
Emblems: Marine Corps Emblem, "The First Hundred Years...". R.A. Long and D.P. Wyckoff **801**, 49.
Emden (Ger.) **800**, 122.
Career and Destruction of the Emden **154**, 1880.
Destruction of the Emden, map **155**, 262.
Emden. Hellmuth von Mucke. J.H. Klein, Jr., Tr. (illus) **163**, 773. **164**, 1192.
The Emden's Raid at Penang **155**, 267. **156**, 666.
Exploits of the Emden, L.A. Cotten, map **156**, 457.
First (Emden): **232**, 928.
Illustration **158**, 1113. **163**, 701.

Emden (Cont.)
Last Battle Cruiser (C&D) 774, 108.
Photograph After Action with the Sydney 155, 177.
Second (Emden): 202, 2071.
Third (Emden): 344, 1417. 347, 126. 354, 1223.
Wrecking the Emden by Shell Fire (illus) 160, 2152.
Emerald (HMS) 283, 1806.
Emergency Fleet Corporation 254, 656. 268, 1079. 270, 1531, 1534. 272, 2008. 338, 543.
Emergency Ration: U.S. Navy Emergency Ration, 1918: 184, 1309.
Emerick, R.H.: Command Personality (Potter) (C&D) 796, 99.
Emerson, A.T.: Native Craft of Samoa 381, 1549.
Emerson, Harrison: Efficiency as a Basis of Organization and Wages (Intro. Note by P.R. Alger) 128, 1207.
Emery, S.E., Jr.: Flags of Whose Convenience? (Clark) (C&D) 791, 110.
Emery, S.W., Jr.
Civilian-Manned Support Ships: A View from the Fleet 890, 34.
Containerization and the Ports: The Load Center Concept (ProfNote) 824, 103.
MSC Supplies Glass Slipper for Mistreated Falcon Princess (C&D) 862, 87.
Merchant Marine Act of 1970: 817, 38.
Of Tankerships and Tankermen (ProfNote) 868, 101.
U.S. Effective Control Fleet (NavRev) 807, 158. 808, 110.
Emery, T.R.M.
Fleet ASW Training in Port (ProfNote) 689, 146.
River Power (ProfNote) 810, 117.
Emile Bertin (Fr) 348, 290. 358, 1828.
Emmens, H.: Explosives and Ordnance Material 59, 355.
Emmett, W.L.R.
Abstract from Paper on Electric Propulsion of Ships 132, 1315.
Electric Propulsion of Vessels 162, 609.
On Electric Propulsion 141, 367.
Emmons, Thornton 627, 591.
and H.C. Votaw: Ewing Mutiny 635, 62. 642, 883.
Emmott, N.W.
Airborne Torpedoes 894, 46.
Air Warfare's Adolescent Years, 1914-1918: 865, 61. 869, 81.
Bomber Navigation, the Blind Led the Blind 795, 35. 798, 115. 802, 110.
The Devil's Watering Pot 835, 68.
R.A.F., The Impossible Dream 802, 26. 809, 107. 813, 87. 814, 88.
Emperor of India (Eng.) 342, 1109. 343, 1262. 351, 766.
Emperor Paul I (Rus. battleship): Launched; description 124, 1525.
Empire State (school ship) 341, 976. 345, 1576.
Empire State (U.S.): New York State Merchant Marine Academy. J.H. Tomb 435, 703.
Empirical Representations of Experimental Data. G.L. Schuyler 347, 88.
Employment of Women in Navy Yards. F.M. Earle 511, 1051.
Emporiums Afloat. F.J. Nelson 462, 1098.
Empress Augusta Bay, Battle of. W. Karig and E. Purdon 526, 1569.
Empress of Australia (HMS) 328, 550.
Empress of Britain (SS) 342, 1111. 344, 1418. 353, 1083. 354, 1169.
Empress of China (ship) 347, 58.
Voyage of, to Orient 134, 433.
Empress of China (U.S.): See: Yankees in China Ports.
Empress of India (HMS): Collides with Sailing Vessel 142, 765.
Empress of Ireland (SS): Story of the Collision of. 153, 1429.
Empress Sought a Navy, The (OldNav). G.E. Gelm 806, 90.
Emshwiller, W.M.: The Mine Force—Where the Fleet's Going, It's Been (Schreadley) (C&D) 864, 76.
Encircling Sea (C&D) 805, 91.
Encounters in the Siberian Arctic, Naval 843, 101.
End of Trail. N.C. Gillette 244, 915.
Endurance Tests: Plea for Physical Training in the Navy. A.P. Niblack 129, 83.
Endymion (Br.) 473, 982.
See also: Cover Pictures—May 1964.
Action Between Prince of Neufchatel and Endymion 155, 25.
Enemy, Know Thine. J.V. Heimark 678, 65.
Energy
Navy's Response to the Energy Crisis. R.M. Paone 868, 33.
Power in the Sea. Sherman Naymark 779, 18.
Shortage: Politics of Oil in the Wake of Yom Kippur. W.L. Dowdy, III: 857, 23.
Their Energy—Our Crisis. C.S. Cook 882, 28.
Enfield Rifles: Adopted by U.S. Army as Emergency Arm 172, 1256.
Eng, Thomas: One Bad Turn Deserves Another (anec) 797, 67.
Engadine (Br.): See: Corregidor (SS).
Engel, F.H. and Dunmore, F.W.: Directive Type Radio Beacon 255, 853.
Engel, S.H.: Report from Germany (ProfNote) 652, 675. 653, 795. 656, 1133. 659, 134. 661, 147. 663, 146. 664, 140. 669, 135. 672, 137. 678, 154.
Engelbrecht, R.H.: Officer Appraisal in the Armed Forces (C&D) 750, 114.
Engineer Forces, Organization of Naval. G. Quick 61, 27.
Engineering
Air Heating by Waste Gases 250, 2092.
Alignment of Diesel Engine Shafts 205, 472.
American and English 278, 734.
Analyzing Engineering Performance of Destroyers. W.H. Osgood 210, 1223.
Auxiliary Machinery 278, 757.
Benjamin Franklin Isherwood. G.W. Dyson 462, 1139.
Benson Marine Boiler 349, 440.
Boiler Development 339, 684.
Boiler Feed Water Electrically Tested 338, 554.
Calculation of Speed Shaft 222, 1309.
Change in. 238, 2176.
Civil Engineers, Seabees, and Bases in Vietnam (NavRev). C.J. Merdinger 807, 254.
Competition: Value of Engineering Competition. G.K. Weber 323, 33. 326, 335. 327, 439.
Daily Analysis of Engineering Performance. W.L. Moore 221, 1049.
Decade of Transition—Our Early Steam Navy and Merchant Marine. R.T. Merrill 595, 1005. 598, 1367, 1371. 601, 319.
Destroyer Engineering in Battle. G.R. Fairlamb 274, 2289.
Destroyer Engineering Department. G. Chadwick 338, 515.
Diesel-Electric Installation for Auxiliaries. H.E. Orem 345, 1540.
Dodging Entropy 263, 141.
Engine and Helm Control 62, 314.
Engine Development 335, 116.
Engineer—And Damage Control (C&D) 836, 95.
Engineering Competition
Again the Engineering Competition. J.J. Casey 322, 1023.
Engineering Competition. C.J. Harter 313, 215.
Engineering Competition: Change Proposed 349, 425.
Shipping Board 327, 449.
Engineering Congress 423, 786. 428, 1541.
Engineering Department: Beefing Up the Black Gang (C&D) 834, 93.
Engineering—Designing and Planning: Design for Combat Power. T.B. Wilson, Jr. 753, 71.
Engineering Duty Officers
EDOs: the Dwindling Muster. C.R. Peck 754, 46. 757, 113. 761, 117, 119.
Engineering Duty Officer in Navy Today. R. Gerber 589, 293. 594, 906.
Engineering Duty Only. A.M. Penn 338, 497.
Engineering Economy on Auxiliary Vessels. R.R. Smith 273, 2101.
Engineering Economy on Battleships. R.R. Smith 251, 18.
Engineering Experience: Value to Captain. P.W. Foote 246, 1243.
Engineering Experiment Station, Annapolis. A.P. Calvert 443, 49.
Engineering Forms for Destroyers. J.W. Reeves 302, 265. 310, 1085.
Engineering (Periodical): Editorial re U.S. Cruisers 293, 802.
Engineering Plant Automation (ProfNote). K.C. Wendt 805, 115.
Engineering Problems
The 1200-Pounders: Further Prescriptions (ProfNote). P.E. Steward 863, 100. 870, 84.
1200-Pounders: Prognosis Guarded. D.G. Felger 854, 60. 858, 91.
Engineering Readiness: The Propulsion Examining Board (ProfNote). R.L. Madouse 887, 108. 892, 92. 894, 63.
English 235, 1597. 247, 1526. 274, 2391. 281, 1399.
Form H for Destroyers. V.H. Godfrey 298, 1290.
Geared Drive 230, 674. 250, 2096.
Hardening and Tempering High-Speed Steel 282, 1633.
Haswell, Charles H., and Steam Navy. G.W. Dyson 432, 225.
High-Pressure Steam Installation 305, 606. 328, 549.
High Temperature Materials 265, 484.
How to Succeed in the Construction Business By Really Trying. R.C. Williams 799, 60.
Improving Gray Cast Iron with Nickel 282, 1621.
Instruments: See: Instruments.
Light Alloys, or Steel? 281, 1437.
Machines vs. Men 353, 1084.
Naval 208, 963. 233, 1225. 288, 217.
Oil Engine Practice 220, 953.
Operation of Destroyer at Full Power. H.G. Donald 263, 15.
Part of Engineering in Command. J.K. Robison 240, 203. 242, 661. 243, 843.
Physics and Survey of Progress 256, 1011.
Power Plant 259, 1547. 343, 1268.
Preparing Engineering Department for Battle. J.K. Esler 245, 1085.
Progress in Study of Engineering. W.E. Wickenden 279, 1022.
Propellers: Feathering and Reversible 353, 1084.
Propelling Machinery and Costs. W.G.A. Perring 258, 1348.
The Shipboard Engineering Crisis (ProfNote). W.E.W. Ruska 875, 101.
Some Whys and Wherefores of Power. E.B. Perry 285, 2253.
Standing One. G.K. Weber and C.W. Styer 273, 2110.
Steam 228, 311. 247, 1527. 248, 1741. 259, 1547. 262, 2112. 301, 230. 334, 1145.

Steam vs. Diesel Drive **354**, 1229.
Stimulating Interest in Operating Engineering. F.C. Sherman **211**, 1437.
Straw That Breaks Camel's Back. V.H. Godfrey **341**, 944.
Student Inability to Report **354**, 1229.
Supercharging Effects on Horsepower **346**, 1725.
Superheated Steam **259**, 1547. **350**, 623.
Tactical Horsepower of Submarines. W.J. Holmes **346**, 1616. **350**, 589.
Teachings of Experience **222**, 1304.
Turbines **264**, 325. **266**, 645.
Turbo-electric Drive **350**, 623.
Value of Experience **203**, 131.
War and Naval Engineering. V.N. Bieg **206**, 539.
What is Matter With Operating Engineering. H.F.D. Davis **211**, 1430. **214**, 2001.
Wise Man Knows His Tools. J.K. Robison **272**, 1882.
World's Situation **272**, 2000. **276**, 348.
Engineers, Cadet, Passing of. J.M. Ellicott **426**, 1123.
Engines
Big Future Seen for Gas Turbines (Nbk) **787**, 156.
British Engines Power Japanese M.T.B. (Nbk) **722**, 162.
Coal-dust **307**, 791. **324**, 161.
Compound Engines
C.H. Baker **1**, 59.
Diameters of Cylinders... J.M. Whitham **30**, 497.
Marine, Relations Between Size, Speed and Power. Richard Sennett **24**, 311.
Cooling Methods **309**, 1008. **315**, 459. **318**, 725. **327**, 451. **351**, 779.
Crankless Steam **229**, 495. **275**, 162.
Cylinder Valves, Diel-More **232**, 1049.
Developments **205**, 470.
Dust **285**, 2366.
Efficiency of Petrol **222**, 1306.
Electro-Magnetic Clutch **227**, 135.
Engines of Oceanic **94**, 383.
Ethyline Glycol, Cooling Process **318**, 725.
Future of Marine Engines **207**, 775.
Future of Steam Engines **107**, 774.
Gas Turbine **245**, 1204.
Gas Turbines for Warships (ProfNote). Desmond Wettern **770**, 137.
Gas Turbines to Power Canadian Icebreaker (Nbk) **789**, 160.
Gas vs. Steam for Marine Motive Power. A.B. Willits **128**, 1099.
Germany's Submarine **211**, 1498.
High Speed Engines **103**, 720.
Horsepower **208**, 961.
The Last Triple-Expander. J.C. Kraft **888**, 58. **895**, 87.
Liberty **203**, 139.
Maclagan **257**, 1165.
Marine Engine Evolution. J.R. Oldham **189**, 2629.
Mercury Vapor Saves Fuel **251**, 121.
Michel **247**, 1529.
Mitchell Crankless **275**, 162.
Mysterious Hot-Air Engine of Haiti. H. Boyden **395**, 86. **399**, 714.
Obturators vs. Piston Rings **210**, 1348.
Oil **210**, 1349. **247**, 1530. **257**, 1165. **283**, 1862. **337**, 677. **339**, 677. **340**, 830.
Oil vs Steam Engines for Submarines **161**, 264.
Powering the New Navy: Marine Gas Turbines (ProfNote). R.E. Goldman **865**, 95. **869**, 80. **870**, 86.
Propelling Machinery for Warships **133**, 307.
Propelling Machinery of British K-Boats **195**, 813.
Relative Advantages of Diesel Engine, Turbines, and Reciprocating Steam Engines **158**, 1309.
Renaissance of Reciprocating Engine, 1911: **138**, 650.
Rotary Steam **231**, 840.
Scott-Still **230**, 674. **231**, 836. **252**, 297. **259**, 1558.
Ships **202**, 2104. **205**, 437. **212**, 1684. **222**, 1300.
Sproul **232**, 1045.
Standard Propelling Engines for British Standard Ships, 1918: **182**, 864.
Steam or Oil? J. Biles **269**, 1278.
Submarine **226**, 1963.
Superchargers **271**, 1773. **272**, 1994.
Test of Triple Expansion Engine Run as Compound Engine **117**, 319.
Testing High Speed **214**, 2029.
The 1200-pounders: Further Prescriptions (ProfNote). P.E. Steward **863**, 100. **870**, 84.
1200-Pounders: Prognosis Guarded. D.G. Felger **854**, 60. **858**, 91.
Valveless, Gearless--Wege **228**, 316.
War Production **203**, 130.
Western Origins of Soviet Marine Diesel Engines (ProfNote). A.C. Sutton **803**, 124.
Whaley Constant Pressure **273**, 2203.
Engines--Aircraft
Aircraft **218**, 610. **255**, 840. **289**, 360. **309**, 1006.
Aircraft-Airship **337**, 409.
Aircraft Engine (B.M.W.) **213**, 1850.
Aircraft Engine Fundamentals. E.E. Wilson **292**, 707.
Airship Engines. T.G.W. Settle **330**, 745.
Beardmore Tornado **311**, 63.
Book Review **350**, 601.
Bristol Cherub Air-Cooled **280**, 1225.
Clerget Diesel **323**, 69.
Cooling Methods **351**, 779.
Crankshaft-less **313**, 244.
Crude Oil **238**, 2179.
Development **279**, 980. **288**, 223. **331**, 868.
Development of an Aircraft Power Plant (ProfNote). S.H. Dodge **688**, 139.
Diesel **230**, 675. **301**, 228. **305**, 615. **319**, 814.
Diesel-Electric Record **343**, 1273.
Diesel-Engine Plane. T.J.C. Martyn **317**, 638.
Diesel Wings in the Navy's Future. Otto P. Eberlein **626**, 435.
English Airship **311**, 63.
Evaporative Cooling **275**, 145. **309**, 1008.
Evolution of Aircraft Engine. E.E. Wilson **275**, 72.
Exhaust Silencers. R.M. Mock **306**, 701.
Factors of Performance **219**, 767.
Fairchild-Caminez **281**, 1429.
Feed System **328**, 557.
Fluid-Cooled **315**, 459.
Ford **207**, 778.
Fuels for. **280**, 1223.
Fundamentals. E.E. Wilson **292**, 707.
Germany Using American **358**, 1841.
Graf Zeppelin's **310**, 1101.
Heavy Oil **233**, 1221. **344**, 1426.
High-Compression **249**, 1929.
High-Speed, 1,000-h.p. **356**, 1535.
Hot Spot for Pre-Heating Air **308**, 917.
Ignition **311**, 64.
Japanese "Hatakaze" **355**, 1385.
Junkers Oil-Burning Diesel **324**, 159.
Liquid-cooled **327**, 451.
Noise: Case of Aerial Decibel. F. Lee **369**, 1568.
Oil **310**, 1097.
PN-12 Sets Records **305**, 613.
Packard **247**, 1541. **269**, 1287. **275**, 72.
Pratt-Whitney **278**, 755. **317**, 635. **324**, 160.
Procurement **332**, 943.
Progress. E.E. Wilson **266**, 657.
Propulseur Trompe **273**, 2202.
Pusher-engine, Cowlings **340**, 838.
Ram jet **543**, 669.
Redrup Axial **320**, 908.
Rolls-Royce **354**, 1231.
Silant **202**, 2097.
Single vs. Multiple **229**, 493.
Starters **256**, 1010. **344**, 1420.
Steam **224**, 1647. **249**, 1922.
Superchargers **210**, 1340. **272**, 1994. **307**, 800. **346**, 1725.
Tests **209**, 1133. **248**, 1736.
Thrust h.p. and Efficiency. J.M. Shoemaker **313**, 242.
Turbine **246**, 1368.
Turner **322**, 1075.
U.S. Airship **337**, 409.
Vibration Causes Failures **247**, 1554.
Wasp **317**, 635. **353**, 1089.
Water-Cooled **318**, 725.
Wright **235**, 1604. **244**, 1039. **260**, 1740. **267**, 855. **277**, 524. **304**, 509. **312**, 149. **357**, 1684.
Engines--Diesel **201**, 1928. **278**, 763.
Aircraft **230**, 675. **301**, 228. **305**, 615. **319**, 814.
Aircraft Engine Record **343**, 1273.
Battleship **235**, 1811.
Bethlehem **212**, 1685. **254**, 657. **256**, 1008.
Book Reviews **339**, 704. **350**, 604. **352**, 915.
Burmeister and Wain **247**, 1528.
Captured Japanese. R.H. Morse III: **506**, 433.
Castings, Nickel-copper-chromium **334**, 1143.
Chinese Gunboats **265**, 493.
Clergetaero **323**, 69.
Cruiser. A.M. Procter **328**, 505. **331**, 846. **336**, 247.
Design **216**, 278. **218**, 619.
Deutz Compressorless **249**, 1917.
Diesel-Driven Surface Craft. J.O. Huse **381**, 1564. **385**, 401. **391**, 1306.
Diesel-electric **219**, 775. **252**, 302. **343**, 1268.
Diesel-electric Drive Advantages. L. Rothera **260**, 1734.
Diesel-electric Installation for auxiliaries. H.E. Orem **345**, 1540.
Diesel Encomium. C.S. Seabring **550**, 1505.
Diesel-engined Warships. M.N. Gunning **279**, 900. **282**, 1562. **288**, 196.
Diesel Engines for Capital Ships. A.M. Procter **269**, 1217, 1236. **270**, 1496. **271**, 1734. **273**, 2156. **303**, 393. **317**, 605.
Diesel Engines in Aircraft. G. Gardner **319**, 814.
Diesel Progress of Small Marine and Auxiliary Engines **415**, 1261. **418**, 1785. **419**, 104.
Diesel vs. Steam: Comparison for 5,000-Ton Cruiser. A.M. Chambliss **429**, 1577.
Diesel vs. Steam Drive **354**, 1229.
Double-Acting **235**, 1599. **267**, 841.
Economy of Electric **343**, 1267.
Experiments with Fuel Oil **219**, 776.
Flight of Diesel-Engined Plane. T.J.C. Martyn **317**, 638.
Fluid drior **261**, 1902.
German **213**, 1857. **263**, 138. **271**, 1776.
Inventor Drowns **333**, 1043.
Italian Submarine **331**, 858.
Junker's Aero **324**, 159.
Marine Oil Engine **242**, 693. **247**, 1527. **340**, 830.
Motor Ships and. **277**, 529.
Naval Auxiliary Ships. R.A. Durdorff **304**, 461. **307**, 783. **312**, 140.
Navy **302**, 313. **334**, 1142. **339**, 677. **343**, 1258. **354**, 1229.
Position of Marine **215**, 117.
Power and Weight of Diesels. C. Commentz **258**, 1356.
Pyrometry Applied to Submarine Diesel

Engines—Diesel (Cont.)
Pyrometry... (Cont.)
Engines. E.B. Perry **336**, 210.
Ramsay Governor **263**, 143.
Semi-Diesel, Development of **204**, 289. **285**, 2343.
Situation of Diesel Engines for Capital Ships. A.M. Procter **317**, 605.
Sperry Airplane **301**, 228.
Steam vs. Diesel **317**, 633.
Study of 10,000-ton Diesel-Engined Cruiser. A.M. Procter **328**, 505. **331**, 846.
Submarine **236**, 1806. **244**, 1037. **253**, 475.
Sulzer-Type **324**, 161.
Treiber **317**, 611.
Turbines vs. Diesel **297**, 1230.
Types for High Powers **315**, 451.
U.S. Airships **337**, 409.
Vulcan Gearing and Hydraulic Coupling **329**, 650.
Weights **327**, 445.
Worthington **262**, 2097. **263**, 137. **280**, 1231. **283**, 1847.
Engines—Internal Combustion
See also: Aeronautics, Engines, Marine Engineering; Turbines; Names of Engines.
Abstract of Paper on Internal Combustion Engines. H.C. Ansley **130**, 603.
The Coming of Explosive Engines for Naval Purposes, (illus). C.M. Chester **119**, 1031.
Defects and Merits of the Marine Gas Engine, 1908: **127**, 1079.
Development of the Gas Engine, 1909: **132**, 1301.
Efficiency of the Gas Engine. F. Hopkinson **124**, 1541.
Efficiency of Marine Gas Engines **123**, 1330.
First Gas Engine Cargo Vessel **137**, 319.
Gas Engines
and Marine Propulsion **121**, 429.
for HMS Rattler, 1908: **128**, 1345.
for Ship Propulsion, 1912: **142**, 801.
for War Vessels, 1907: **122**, 881.
The Gas Engine for Heavy Marine Service. Lewis Nixon **122**, 878.
Gas vs. Steam for Marine Motive Power. A.B. Willits **128**, 1099.
The Gile Engine **185**, 1607.
Internal Combustion Engines
for Marine Purposes, 1910: **136**, 1186.
for Submarines and Aircraft **189**, 2626. 1911: **137**, 329.
Largest, 1906, Marine Gas Engine **119**, 1140.
The Marine Gas Engine, 1909: **131**, 992.
Marine Internal Combustion Engines, 1912: **141**, 358.
The Motor Ship **179**, 211.
The Motor Ship Oregon **164**, 1304.
Motor Ship Records **172**, 1268, 1269.
Motor-Driven Warships **137**, 323. **140**, 1466.
The New Augustine Two-Cycle Superinduction Automobile Engine **188**, 2415.
New 12-cyl. Marine Engine, 1917: **177**, 2641.
Nurnberg Gas Engine **150**, 575, 578.
The Oil Engine in 1911: **140**, 1467.
A 1000 h.p. Marine Oil Engine, 1911: **138**, 660.
On Marine Propulsion. Sir William White **143**, 1160.
Performance of Oil-Engine Vessels Monte Penedo and Hagen **148**, 1769.
The Semi-Diesel Oil Engine. James Richardson **191**, 116.
Ship Propulsion by Gas, 1908: **126**, 734.
Single-sleeve-valve Motor **186**, 1883.
Still Engine **197**, 1263.
Turbines or Gas Engines? **130**, 605.
Weiss Oil Engine **189**, 2633.
The Working of Motor Ships **147**, 1362.
England
See also: Great Britain.
Air Raids, Lessons from. J.C. Haw **357**, 1683.
Anglo-French Entente **355**, 1357.
Army, and Military Policy **204**, 275. **207**, 754. **280**, 1204. **344**, 1411. **346**, 1709, 1721.
Balfour's Death, Earl of. **327**, 462.
China **325**, 237, 256. **326**, 359. **335**, 133. **336**, 252.
Cinque Ports. J.A. Weil **564**, 177.
Coast Guard Service **239**, 139. **250**, 2056. **259**, 1579.
Colonies **286**, 2630. **287**, 116. **295**, 1022.
Commonwealth of Nations **333**, 1055. **334**, 1156. **335**, 131.
Cowes Air Races **248**, 1737.
Defense **216**, 255. **229**, 465. **237**, 1955. **240**, 321. **248**, 1701. **249**, 1883. **279**, 938, 948.
Despatch Agency, U.S., London **396**, 189.
Docks at Southampton **256**, 978. **345**, 1576.
Domestic Affairs **238**, 2198. **254**, 679. **262**, 2132. **263**, 160. **281**, 1463. **317**, 648. **341**, 988. **342**, 1129. **344**, 1412, 1427, 1428. **345**, 1586. **346**, 1716. **347**, 142. **357**, 1661.
Dominions Equality Bill **347**, 142.
Dorchester Regiment. E.S. Carmick **554**, 427.
Elections **344**, 1427. **345**, 1586. **346**, 1730.
Ensigns (flags) **344**, 1449.
Europe Since the Armistice. J.M. Creighton **221**, 1030.
Evolution of Great Powers. H.R. Stevens **587**, 69.
Exports **350**, 622. **354**, 1227.
Fishing Grounds in Northern Russia **233**, 1195.
Foreign Affairs re Channel Tunnels **330**, 771.
Foreign Policy **207**, 752. **221**, 1142. **239**, 137. **253**, 450, 501. **285**, 2396. **342**, 1129.
Foreign Relations **220**, 929, 941. **246**, 1370. **249**, 1888, 1890. **255**, 805. **263**, 160. **272**, 2038. **281**, 1396. **303**, 425. **307**, 807.
From Shakedown to Showdown. F.M. Curran **438**, 1141.
Fuel, Colloidal: Unsatisfactory **354**, 1222.
Good-will Visits of Premiers **344**, 1429.
Greenland's Purchase Sought **331**, 875.
Helm Orders Changed **353**, 1094. **357**, 1674.
Imperial Defense College **339**, 679.
Japan: Friendship Important **347**, 117.
Lion in the East. B.W. Blee **730**, 41.
Mahan on Arbitration **344**, 1410.
Naval Reserve **225**, 1807. **226**, 1957. **346**, 1716.
Oil Pipeline in Iraq **338**, 559.
Operation Sea Lion: Decision Without Battle. S.T. Possony **520**, 761.
Operation "Sea Lion." K. Assmann R.E. Krause, Tr. **563**, 1.
Orders to Helm Changed **343**, 1262.
Palestine **330**, 773. **331**, 875. **334**, 1156. **335**, 132. **338**, 559.
Pershing's Memoirs re 1914: **342**, 1132.
Princes Visit South America **337**, 415.
Room 40, Whitehall **347**, 116.
Sea Power. A. Hurd **340**, 821.
Sea Power and Roman Britain. G.W. Dyson **457**, 368.
Sovereignty of Seas, British Seventeenth Century Claims to. H.F. Rommel and E.H. Clark, Jr. **556**, 659.
Spy in German Service **352**, 921.
Statute of Westminster **347**, 142.
Survival of British Empire: 1792-1812, 1914-1940. J.M. Scammell **456**, 211.
Tariff **329**, 666. **347**, 142. **349**, 447.
Tower of London **353**, 1072.
Trade, Foreign **328**, 565. **334**, 1156. **342**, 1131. **352**, 905. **358**, 1812.
Turkey: Alliance Needed **348**, 285.
Vickers Armstrong Supply Armament for Portuguese Ships **344**, 1417.
Wheat Conference **341**, 987.
World-War Debts **348**, 298. **352**, 905. **358**, 1811.
England—Aircraft: Blackburn Buccaneer (ProfNote). John Fricker **715**, 131.
England—Navy
Administration **217**, 407. **235**, 1558. **254**, 629. **278**, 730. **344**, 1417. **347**, 124. **351**, 763. **356**, 1522. **358**, 1825.
Admiral Sir Percy Scott and British Naval Gunnery. J.F. White, Jr. **554**, 449. **565**, 328.
Admiral Sir Percy Scott and Gunnery of British Navy **331**, 815. **333**, 1031.
Admiralty **201**, 1917. **212**, 1658. **235**, 1558. **283**, 1816.
Admiralty Hydrography. Trevor Blore **712**, 73.
Anti-Submarine Work **356**, 1522.
Atomic Test, British, Royal Navy's Part in (Pict) **600**, 195.
Baltic Sea Campaign, 1918-20. D.D. Mercer **715**, 64.
Birth of the Flag-Top. Ernest Watson **639**, 475.
Britain's Junior Navies. D. Cowie **451**, 1291.
Britain's New Frigates (ProfNote). Desmond Wettern **654**, 906.
Britain's Postwar Naval Policy. B.B. Schofield **663**, 75.
Britain's Secret Weapon Against Bolsheviks. G.W. Patterson, III: **575**, 39.
Britannia Has a Family. D. Cowie **460**, 842.
British Fleet Air Arm, 1958 (Pict). Michael Rysworth **673**, 80.
British Mines and the Channel Dash. J.S. Cowie **662**, 39.
British Monitors **658**, 1346.
British Navy in the Nuclear Age. Donald Barry **656**, 1069.
British Pacific Veterans for Scrap (ProfNote). Desmond Wettern **651**, 565.
British Strategy in the River Plate Battle. A.C. Hampshire **670**, 85.
British Submarine Operations in World War II. N.J. Gilbert **721**, 73. **727**, 103.
Budget **279**, 931. **282**, 1587. **320**, 899. **327**, 443. **342**, 1109. **347**, 118. **350**, 614. **351**, 764. **356**, 1523.
Cadet Training **352**, 921. **353**, 1072. **355**, 1372.
Capros Not Convoy: Counter-Attack and Destroy! S.W. Roskill **644**, 1047.
Catapults on Ships **353**, 1070.
Churchill, Winston, as First Lord of Admiralty, 1911-1915. A.J. Marder **599**, 19.
Commando Ships Now in Service (Nbk) **719**, 160.
Communication Exercises **347**, 124.
Compared with Foreign **348**, 283. **355**, 1371.
Construction **205**, 442. **301**, 233. **325**, 237, 239. **329**, 646. **330**, 754. **331**, 854. **335**, 112. **336**, 252. **337**, 396. **339**, 680. **342**, 1109. **343**, 1261. **344**, 1411, 1416. **345**, 1562. **347**, 113. **348**, 285. **353**, 1070. **355**, 1369. **357**, 1674. **358**, 1827.
Construction, Warship, Distribution of British. M. Thomlinson **426**, 1119.
Coronation Naval Reviews **612**, 211. **608**, 1122.
Cruiser **347**, 125. **353**, 1072.
Cruisers Over-age **356**, 1524.

Decrease cruisers, Increase bases **347**, 124.
Devonshire, First of the County-Class DLGs, Now Commissioned (Nbk) **721**, 142.
Displacement of Vessels **342**, 1110.
Don Juan, (Sp. prince): Officer Eng. Navy. **353**, 1072.
Dummy Ships: Suicide Squadron. R.H. Gibson **359**, 57.
Efficiency in the Royal Navy (Prof-Note). Desmond Wettern **693**, 139.
Evolution of Naval Bases in the British Isles. James Stewart **653**, 753.
Examinations, Quarterly **353**, 1070.
Expenditures Compared to U.S. **347**, 116.
50-Knot Patrol Boat (ProfNote). Desmond Wettern **701**, 124.
Fifty Old Maids Come Through. H.N. Kay **571**, 977. **576**, 197.
Fifty Years Between Cruises **355**, 1372.
First of Her Kind [survey ship] (Prof-Note). Desmond Wettern **672**, 146.
Fisher, Admiral Sir John: Reappraisal. A.J. Marder **469**, 317. **471**, 703.
Fisher and His Warships. F.G. Percival **438**, 1097. **443**, 97. **444**, 307.
Fisher and His Warships, Some Facts about. R. Bacon **445**, 392.
Fisher, Lord, Admiral of Fleet: Portrait of Progressive. B.S. Custer **529**, 255.
Fleet Air Arm **353**, 1088.
  Royal Navy (Pict). Desmond Wettern **701**, 78.
Float-On, Float-Off Ship (Nbk) **721**, 142.
Grog in the Royal Navy. B.W. Blee **678**, 63.
His Majesty's Stationary Sloop-of-War. Jac Weller and Sir Frederick Hervey-Bathurst **674**, 73. **680**, 104.
Home Fleet **352**, 923. **353**, 1068, 1071. **354**, 1220. **355**, 1372. **357**, 1684.
How the Royal Navy Met the Challenge. H.W. Rood **660**, 67. **665**, 111.
K-submarine Disaster **355**, 1372.
Kuwait Shows Royal Navy's Limited War Potential (ProfNote). Desmond Wettern **707**, 143.
"Leave It at Six Cables". D.E. Martin **701**, 72.
MAC Ships **680**, 103.
Malta: Future of a Naval Base. A.J. Cottrell **668**, 29.
Malta's Governor General Comments **675**, 98.
The Masquerading Marine [Hannah Snell]. R.J. Walker **426**, 1148.
Minesweeping Made Easy. George Ashton **701**, 66.
Mission to Greece **336**, 253.
Modernization **339**, 679.
Mutiny **352**, 921. **345**, 1565.
Mutiny, Invergordon, 1931: **439**, 1289.
Naval Problems **341**, 970.
Navy Week **344**, 1416. **356**, 1523.
Navy Week in England. N.R. Van der Veer **346**, 1736.
New Navy Yard Organization for the R.N. (Nbk) **724**, 164.
Night Fighting at Sea by British Navy. W. James **496**, 645.
Notes, various **202**, 2073. **205**, 441. **206**, 618. **210**, 1301, 1317. **220**, 928. **228**, 281. **236**, 1826. **237**, 1954. **239**, 131. **240**, 319, 322. **241**, 513. **246**, 1372. **247**, 1626. **249**, 1886. **250**, 2057. **251**, 96, 99. **252**, 266. **254**, 627. **259**, 1542. **260**, 1703. **261**, 1865. **262**, 2071. **264**, 285. **269**, 1251, 1270. **275**, 131. **277**, 502. **279**, 936. **281**, 1399. **284**, 2085. **286**, 2631. **311**, 54. **318**, 717. **337**, 396. **345**, 1573. **346**, 1709, 1711, 1716, 1723.
Officers of the Royal Navy. J. Stewart **673**, 48.
Operation Archery. H.E. Horan **698**, 70.
Operation Frankton: Cockles and Muscles. B. Wilkinson **612**, 156.
Orders to Helm **353**, 1094. **357**, 1674.
Painting, "New Whip for the Dutch" **429**, 1693. (illus) **429**, 1553.
Parity **344**, 1415. **346**, 1706, 1713.
Personnel **201**, 1909, 1913. **207**, 755. **208**, 927. **211**, 1510, 1512. **212**, 1658. **227**, 106. **231**, 817. **238**, 2159. **240**, 322. **276**, 336. **287**, 89. **307**, 786. **333**, 1039. **335**, 111. **338**, 539. **343**, 1262. **345**, 1574. **350**, 1613. **351**, 765, 794, 795. **355**, 1372. **342**, 1108. **356**, 1523. **357**, 1674.
Policy **202**, 2071. **206**, 614. **210**, 1301. **213**, 1829. **214**, 2008. **216**, 257. **217**, 407. **218**, 585. **219**, 746. **222**, 1288. **224**, 1630. **245**, 1177. **246**, 1341. **248**, 1701, 1713. **250**, 2055. **252**, 265. **262**, 2065, 2069. **263**, 107. **272**, 1970, 1974. **273**, 2176. **274**, 2360. **275**, 170. **277**, 511. **278**, 728. **285**, 2395. **292**, 692. **296**, 1120. **300**, 154. **320**, 897. **324**, 148. **341**, 970. **344**, 1412.
Press-Gangs of the Royal Navy. J. Stewart **692**, 81.
Program **204**, 266. **220**, 926. **221**, 1094. **224**, 1625. **231**, 813. **252**, 269. **255**, 799. **256**, 975. **269**, 1249. **272**, 1968. **291**, 590. **299**, 54. **324**, 148. **346**, 1709. **325**, 237. **331**, 854. **324**, 148. **346**, 1709.
Promotion and Pay **203**, 103, 113. **226**, 1956. **232**, 1021. **233**, 1196. **283**, 1808, 1811. **286**, 2533. **292**, 692. **335**, 111. **342**, 1108. **343**, 1261. **345**, 1566. **347**, 124, 125. **348**, 284, 290, 318. **349**, 428. **353**, 1070, 1071. **354**, 1220. **357**, 1674.
Promotion of Officers. M. Radom **415**, 1293. **429**, 1643.
Q-Ships--Cause and Effect. R.W. Smith **603**, 533. **606**, 899, 900.
Replacement Ship **337**, 396.
Research for Royal Navy. T. Blore **598**, 1315.
Reserve Fleet **356**, 1524.
Revised British Figures **671**, 112.
Royal Navy Monitors of World War I: **651**, 552. **643**, 1000.
Royal Navy Operates Mine-Hunting Sonar (Nbk) **721**, 144.
Royal Navy Recruits Officers (ProfNote). Desmond Wettern **696**, 146.
Royal Navy's Missile Destroyers (Prof-Note). Desmond Wettern **698**, 132.
Sara in the East. C.G. Reynolds **706**, 75. **710**, 110.
Scapa Flow **664**, 105.
Scapa Flow--1913-1957. Desmond Wettern **658**, 1320.
Ship names **349**, 463.
Ship strength **349**, 457, 476, 477, 478, 479, 480, 481, 482, 483.
Signal Book, Earliest English. H.P. Mead **394**, 1819.
Signaling in English Marine Art. H.P. Mead **654**, 837.
Signaling in British Navy, 1800. A.R. McCracken **347**, 45.
Signal Practice with Merchantmen **352**, 923.
Singapore Naval Base, Pre-1942. C.N. Parkinson **643**, 939.
Sledge Hammers, Lance Bombs, and Q-Ships. D.D. Mercer **698**, 76. **705**, 111, 112.
Small Ships Favored **354**, 1241. **355**, 1368.
Snell, H.: Masquerading Marine. R.J. Walker **426**, 1148.
Specialization Discouraged **358**, 1827.
"Splice the Main Brace" **355**, 1372.
  R.E. Bassler **417**, 1588. **424**, 891.
Squadron Preparing to Pursue French and Spanish Squadron, July, 1801: **492**, 121.
Strategy and Tactics of Sir Francis Drake. A.S. Riggs **574**, 1345.
Submarines, His Majesty's. W.L. Robinson **473**, 970.
Tobacco Trade of Virginia and Maryland, British Navy and. S. Gray **403**, 1300.
Triumph at Taranto. A.C. Hampshire **673**, 71. **684**, 101.
Tryon and Victoria. R.E. Bassler **379**, 1270.
U.S. Destroyers for British Bases. D.S. Greenberg **717**, 70.
U.S. Should Use Bases **328**, 545.
We Had British Where We Needed Them. C.J. Wheeler **526**, 1583.
Westland Wessex (ProfNote). John Fricker **720**, 142.
What Happened to Royal Marines? R.D. Heinl, Jr. **552**, 169. **560**, 1177.
White Cap Adopted **355**, 1372.
With Royal Navy (Pict) **588**, 189. **597**, 1255.
Women's Royal Naval Service. H.H. Hallinan **484**, 828.
Wonderful Year--1759: **682**, 98.
Work of Sir Julian Corbett in Dreadnought Era. P.M. Stanford **575**, 61.
X-Craft: Tirpitz Tale. B. Wilkinson **614**, 375.
Yards and Docks **236**, 1786. **272**, 1972. **283**, 1809. **286**, 2545.
England (U.S.): Two Little Ships. F. Pratt **533**, 783.
Engle, Eloise
  Figures Never Lie (anec) **722**, 79.
  From the Halls of Montezuma to the San Diego Zoo (anec) **716**, 89.
  Gooney Bird in the Hand Is Worth Two on Midway (anec) **703**, 49.
Engle, R.E.
  Half a Career (C&D) **762**, 119.
  Method of Recovering Slipped Anchor **590**, 414. **600**, 203.
Englin, Maureen: It Happens Many Times (anec) **746**, 35.
English, L.E. **536**, 1248.
English, R.A.J. **344**, 1399. **478**, 1759. **653**, 786.
English, W.J.: R/V Hero, Assignment Antarctic (Pict) (C&D) (Curtsinger) **820**, 90.
English Channel
  The Channel Command, Sea Highway to Europe (NavRev). J.M. Palmer **879**, 176.
  Operation Neptune (Pict) **616**, 673.
  Pipe-lines: Operation Pluto. R.J. Moore **616**, 647.
English Channel Tunnel: Railway Tunnel under Straits of Dover **165**, 1688.
English Fleet at Chatham: See: Cover Pictures--June 1958.
English Narrows (Magellan) Photos **130**, 458, 459.
English-speaking Union **207**, 751.
English Usage
  In or On a Ship? **684**, 98.
  On or In? **673**, 99. **680**, 102.
  They Don't Mean What They Say **680**, 104.
Englund, H.W. **444**, 259.
Engs, J.S. **506**, 439. **509**, 834. **514**, 1498.
Enlisted Navy, New Horizons in. W.J. Miller **681**, 34.
Enlisted Personnel
  See also: Personnel.
  Distribution. B.H. Shupper **674**, 91.
  Enlisted Distribution and Rating Control (ProfNote). J.E. Majesky **759**, 151.
  Navy Enlisted Instructor: Anybody Can Be One (C&D) **877**, 116.
  Navy Enlistee, 1975--From Where? (Prof-Note). J.C. Bussert **823**, 105.
  A New Era in Navy Recruiting. G.E. Thibault **878**, 24. **882**, 81.
  Retention of Enlisted Men (ProfNote). R.W. Dickieson **795**, 140.
  Under New Management (ProfNote). E.P.

Enlisted Personnel (Cont.)
Under New Management (Cont.)
Higgins **804**, 110.
Enlisted Training in the Navy (1929). D.E. Cummings **848**, 84.
Enlistment, Training and Organization of Crews for Our Ships of War. Prize Essay, 1891. A.P. Niblack **57**, 3. Disc.: **58**, 297.
Enochs, B. **378**, 1138.
Enomoto, Admiral, and Imperial Restoration. H. Kublin **602**, 409.
Enos, R.L.: Who Is the Enemy? **693**, 27.
Enright, E.F. **702**, 111.
Ensigns, Let's Abolish (C&D) **856**, 102. **861**, 96.
Enterprise (HMS) **205**, 440. **346**, 1716.
Enterprise (U.S.)
See also: Cover Pictures--June, 1962; Farenholt, A. **128**, 1279; Pictorial Section - Big "E".
and Boxer (Br.) **397**, 371. **409**, 453.
Correction **425**, 1083.
Crossing the Line: Drawing **399**, 753.
Cruise to Orient, 1834-37: **135**, 721.
Enterprise (USS) **283**, 1764. **381**, 1620. **470**, 477. **472**, 853. **673**, 101.
Enterprise and Boxer Engagement 1813; Reproduction of Painting by Landsil **165**, 1413.
Full Systems at Launch--New Concept in Fleet Aviation Operations. D.P. March **851**, 34. **854**, 100.
in Mediterranean, 1801: See Cover Pictures--April 1952.
Lone Carrier--Fact or Fancy? A.H. Vito, Jr. **710**, 50. **721**, 109. **722**, 121.
The Name Enterprise (ProfNote) **699**, 173.
Entertainment: Mine Force, Scotland **373**, 345.
Enthoven, A.C.: Choosing Strategies and Selecting Weapon Systems **731**, 151.
Entrance Requirements, USNA. W.G. Greenman **292**, 722.
Entropy: The Meaning and Use of Entropy. W. McEntee **127**, 1031.
Environmental Protection: Nothing But Blue Skies. Robert Leider **832**, 27. **836**, 85, 87, 88.
Environmental Resources, Imbalance of: A Different World. R.F. Leider **842**, 18.
Environment of the Man of the Sea, The. B.F. Gibbs **9**, 407.
Envoys, Convoys for Our (OldNav). N.T. Storch **872**, 78.
Epervier (Fr.) **344**, 1417. **347**, 126. **350**, 616.
Epervier (Br.) and Peacock (U.S.) **417**, 1581.
Epervier (U.S.) **377**, 950.
Episode, An. E.W. Hanson **331**, 843.
Epperson, G.I.: Straws in the Wind (anec) **810**, 51.
Equalization: The Muddle. A.B. Court **361**, 357.
Equal Opportunities for Negroes
Equal Opportunity in the Navy (C&D) **822**, 91.
Telling It Like It Is... (ProfNote). Nolan Bowie **810**, 123.
Equal Opportunity, Challenge to Navy's Management. B.A. Wiley **811**, 34.
Equations, Negative-Reciprocal. J.E. Craig **66**, 201.
Equator: See: Crossing the Line **286**, 2485.
Equipment and Gear: Arctic Submarine Material. C.H. Blair **679**, 39.
Equivalent Tonnage, Formula of. **316**, 549.
Erben, H. **548**, 1248.
With Erben and Mahan on Chicago. J.M. Ellicott **463**, 1234.
Erbsen, Claude: PT Boats Return (NewNav) **737**, 158.
Erdner, L.E.: Maneuvering Board Solution (anec) **681**, 78.
Erebus (HMS) **335**, 111.
Erell, Shlomo: Israeli Saar FPBs Pass Combat Test in Yom Kippur War (ProfNote) **859**, 115.
Erickson, John: Soviet Naval High Command (NavRev) **843**, 66.
Erickson, M.K.: The People Factor (C&D) **773**, 107.
Erickson, W.A.: Mine Countermeasures: Who's Fooling Whom? (McCoy) (C&D) **880**, 80.
Ericsson, E.L.
Death **239**, 79.
Maneuvering Aircraft in Formation **239**, 79.
Ericsson, J.
Monitor-Merrimac **288**, 198.
Nation Honors **282**, 1647.
Ericsson, John
America's Farewell to: See: Cover Pictures--July, 1955.
Ericsson, Stockton, and the USS Princeton. H.C. Watts **643**, 961. **647**, 92.
Ericsson (USS) **258**, 1344.
Description, Trials **160**, 2054.
Ericsson's Submarine Torpedo System, Captain. (Rev) W.W. Kimball **17**, 339.
Erie, Confederates on Lake (OldNav). A.M. Woolson **842**, 69.
Eriksen, Edvard (sculptor). Bronze mermaid, Copenhagen--January 1968 Cover.
Erimesco, P.: Plankton Hull-Drag Factor? (C&D) **790**, 104.
Erkenbrack, P.F.: United States Navy for the Future (Smith) (C&D) **820**, 82.
Erkhammar, Bertil: New Swedish Motor Torpedo Boats (ProfNote) **769**, 137.
Ermak (Rus.) [first icebreaker]: See: D.W. Mitchell. Admiral Makarov: Attack! Attack! Attack!
Ernest Renan (Fr. cruiser)
Description **120**, 1570.
Launched **118**, 713.
Trials **128**, 1320.
Erosion of Guns
See also: Ballistics.
Causes of Erosion **131**, 985.
Erosion and Ballistics; a Rejoinder, (illus). P.R. Alger **136**, 975.
Erosion of Guns. J.F. Meigs **123**, 1001.
Erosion of Guns and Its Causes **124**, 1530.
Erosive Effects of Pyrocellulose and Nitroglycerin **123**, 1320.
Graphite in Powder to Retard Erosion **129**, 309.
Gun Erosion **135**, 697.
H.C.H. Carpenter **186**, 1873.
High Velocities and Gun Erosion **116**, 1012.
Measuring the Resistance of Metals to Rapid Deformations. P.R. Alger, Tr. **136**, 987.
Notes on. **175**, 2062.
Some Comments on Erosion and Ballistics. H.E. Yarnell **136**, 965.
Vieille, P., and Liouville, R.: Influence of Velocity on the Law of Deformation of Metals. P.R. Alger, Tr. **136**, 985.
The Wear of Guns **160**, 2047. **180**, 388.
Erskine, Douglas: Keeping the Flag on the Seven Seas **187**, 2112.
Ertugrul, Loss of the Turkish Frigate (OldNav). Erdogan Sumnu **837**, 80.
Erwin, W.A.
Arm the AGRs? (C&D) **788**, 122.
Congreve War Rockets 1800-1825 (C&D) **787**, 110.
Whatever Happened to the Battleship Oregon? (Alden) (C&D) **791**, 100.
Erzberger, J.: Assassination **224**, 1672.
Erzheroz Frederich (Austrian Battleship): Launched, description **110**, 429.
Erzherzog Karl (Austrian battleship): Description **109**, 213.
Escort-of-Convoy, Still the Only Way. R.A. Bowling **802**, 46.
Escort Ship--Challenge to the Shiphandler (ProfNote). D.N. Denton **769**, 130. **774**, 107. **776**, 106. **778**, 110.
Escort Ships--SWATH. L.J. Holt **865**, 26.
Escort Vessels
Fairview (EPCER-850) (NewNav). H.J. Sutphen **731**, 146.
Garcia (DE-1040) (NewNav). D.A. Smith **751**, 160.
New Atlantic Escort Squadron (Nbk) **763**, 155.
Nuclear Escort Vessels Urged for Carriers (Nbk) **774**, 147.
27 Destroyer Escorts to Be Built (Nbk) **777**, 148.
With Helicopters--Little Ships With Long Arms. J.M. Waters, Jr. **750**, 74. **756**, 110, 111.
Eskimos **413**, 929, 980.
Esler, J.K.
Battleship Organization **249**, 1805.
Elimination of Coupling Troubles in Main Shafting **200**, 1731.
Preparing Engineer Department for Battle **245**, 1085.
Esling, T.A. **657**, 1236.
Esmeralda (Chil.): See: Jimenez, Alberto. Latin American Naval Lessons.
Espana (Spanish Battleship)
Description **133**, 283. **135**, 890. **142**, 776.
Description, plan **145**, 390.
Launched **148**, 1758.
Esperanto **247**, 1575.
Espionage
Japanese Espionage and Our Psychology for Failure. F. Henry **483**, 639.
Japanese Espionage, Foundation for War. F. Henry **488**, 1335.
Top Secret Assignment. Takeo Yoshikawa and Norman Stanford **694**, 27.
U-2 Revisited **714**, 111.
Espionage Act (U.S., 1917): **173**, 1581.
Espior (Fr.) **344**, 1417. **349**, 431. **355**, 1373.
Esposito, V.J. **688**, 120.
Esprit de corps **372**, 171.
Development of. C.L. Hussey **105**, 89.
Every Weapon to Fray. J.D. Harrington **611**, 13. **617**, 811. **619**, 1043.
Grow the Green Grass Here. G.H. Gardner, Jr. **636**, 137.
Naval Personnel on Display **712**, 110.
Retention--and Comradeship (C&D) **828**, 98.
Ship and the Shore. W.J. Stanley **635**, 1.
Shipmates (C&D) **828**, 97.
Spirit of the Navy (OldNav). R.E. Coontz **828**, 83.
Spirit vs. Morale in the Modern Navy (C&D) **869**, 77.
A Tract for the Time. Prize Essey, 1898. C.F. Goodrich **85**, 1.
Wanted--5000 Middlemen. J.D. Harrington **599**, 11. **604**, 678.
Esquimault: A British Base (naval) in the Pacific **125**, 368.
Essex (HMS): Description **107**, 750.
Essex (USS) **336**, 199. **467**, 33.
See also: Cover Pictures--December, 1953; October, 1956; Farenholt, A.; **128**, 1279; Old Navy, Page from.
Essex: More than a Ship, More than a Class (Pict). R.F. Cross, III: **871**, 58. C&D: **876**, 83.
Essex (U.S.), Phoebe, and Cherub (Br.) **444**, 222.
First Contacts--Glorious Cruise of Frigate Essex. A.S. Merrill **444**, 218.
Historic Ships of Navy. R.W. Neeser **370**, 1707. **374**, 550.
Name of Essex in Our Navy. A. Farenholt **517**, 417.
Porter's Dire Need of Bases. D.W. Knox **369**, 1537.
Salute to (Pict) **610**, 1337.
Suppressed Mutiny on Essex. L. Hunt

369, 1547. **374**, 548. **387**, 706.
Voyage to the Orient, 1800: **134**, 437.
Essmann, G.C. **702**, 118.
Estate Planning: Plan For All Seasons. H.N. Lyon **797**, 35. **802**, 108, 109. **803**, 100, 101, 102.
Estes, K.W.
Book Reviews **787**, 116. **885**, 86. **889**, 90.
Ground Mobility for Marines (ProfNote) **897**, 103.
Tactical ASW: Let's Fight Fire With Fire (Van Saun) (C&D) **889**, 80.
U-Boat With Wings (C&D) **786**, 114.
Esthonia: Recognized by U.S. **235**, 1639.
Estimate of the Situation
Estimate of the Situation. A.M. Knight **157**, 765.
Logical Thinking in Military Situations. G.H. Miller **541**, 327.
The Situation and Organization. G.C. Thorpe **176**, 2247.
Etcheson, C.R.: Damage Control, Ready or Not (C&D) **774**, 104.
Ether drift, Evidence of. **323**, 86.
Ethics
Chore or Challenge: A Professional Ethic for the Nuclear Age. C.M. Guelzo **735**, 26.
Erosion of an Ethic. R.P. Dunwell **889**, 56. **892**, 89. **894**, 66.
Let's Improve Professional Ethics (C&D) **882**, 69. **888**, 83.
Ethiopia
Massawa Navy Days—1972: A Rare Occasion (ProfNote). L. Phillips **834**, 110.
Naval Radio in Africa. J.J. Hughes and W.E. Tanner **397**, 373.
Ethiopia—Navy
Imperial Ethiopian Navy **682**, 104.
Imperial Ethiopian Navy (ProfNote). J.M. Aronson **758**, 165.
Tropical Africa's Nascent Navies. R.K. Baker **791**, 65.
Ethnology: Distribution of White Race **252**, 332.
Ethylene Glycol: Cooling Process for Motors **318**, 725.
Etiquette—Naval
Let's Keep Calling **588**, 201.
Salute or Shoot? (C&D) C.P. Lemieux **758**, 139.
Etna (U.S) **377**, 949.
Etymology
O'Kay. E.C. Kalbfus **329**, 602.
Sea Words on Shore Duty. A.F. Westcott **281**, 1330.
Etzold, T.H.
Book Reviews **866**, 91. **868**, 95. **877**, 129. **897**, 95.
Co-author: See: S.M. Silver.
The Trouble with Alliances **889**, 46. **895**, 90.
Eugenio di Savoia (It) **353**, 1076. **355**, 1374.
Eulate, A. **415**, 1239.
Eulogy
Jones, H.P. **421**, 309.
Shipmate. W.T. Cluverius **394**, 1797.
Tributes to Great Leader (F.D. Roosevelt) **508**, 758.
Euridyce, Mizar Locates Wreckage of Sunken French Submarine (Nbk) **814**, 103.
Europa (HMS): Trials **107**, 788.
Europa (SS) **308**, 929. **324**, 151. **327**, 448. **328**, 552. **343**, 1265. **354**, 1235. **356**, 1537.
Europe
Annexation of, by Russia planned **345**, 1572.
Borah, Wm. B. **346**, 1729.
The Channel Command, Sea Highway to Europe (NavRev). J.M. Palmer **879**, 176.
Europe and the North Sea, Defense of Northwest (NavRev). J.L. Moulton **819**, 80.
Europe Since the Armistice. J.M. Creighton **221**, 1029.
Influence of Navies on the European Central Front (NavRev). Hans Garde **879**, 160.
Is a United States of Europe Possible? F.F. Kravath **664**, 73.
Living Age re conditions **352**, 944.
The New Map of Europe, 1919: **189**, 2693.
Outlook and Situation, 1895. R.P. Hobson **74**, 349.
Pan-Europa Plan **329**, 663. **331**, 874. **333**, 1054.
Prospects for 1933. F.H. Simonds **359**, 151.
Report from the Baltic (ProfNote). C.P. Lemieux **679**, 144. **680**, 145.
Republics: Area and Population **204**, 314.
Seaborne and Airborne Mobility in Europe (NavRev). J.L. Moulton **855**, 122.
Shallow Water Warfare in Northern Europe. Michael Salitter and Ulrich Weisser **889**, 36.
Spiritual Forces and Revolution in Eastern Europe. J. Gellner **659**, 45.
Strategic Importance of the Baltic Sea **667**, 23.
Strategy, European, Re-evaluated. E.J. McNulty **580**, 631.
Strategy: General Eisenhower's Elephants. C.S. Arthur **587**, 45. **601**, 320.
Tariff Union **354**, 1207.
European Allies: Lack of Support Could Make Navy Impotent in Mid-East War (C&D) **865**, 74.
European Station: With Erben and Mahan on Chicago. J.M. Ellicott **463**, 1234.
European War—1914-1918
Attacking the Great Germanic Fortress **175**, 2159.
Economic Aspects of the War, 1914: **154**, 1851.
German's Lost Illusions. Arthur Pollen **186**, 1926.
German traps and ruses **183**, 1125.
Lloyd George on the Progress of the War, July 1918: **187**, 2249.
Naval Forces in the Mediterranean at Opening of the War **153**, 1572.
The Navies of the Warring Nations in 1914: **153**, 1562.
Prophetic Study of. In Hovgaard, W. War Between England and Germany **137**, 101.
Strength of the Naval Powers in Eastern Waters, 1914: **153**, 1575.
The War from a German Point of View 1914: **154**, 1891.
The War's Benefits. F.F. Foster **185**, 1447.
Why Germany is Losing the War **180**, 459.
Will the German Fleet Fight? **187**, 2170.
Would 10,000 Aeroplanes End the War? **174**, 1819.
European War—1914-1918—Aerial Operations
Account of the Zeppelin Raids on London **190**, 2868.
Aerial Bombs Set Fire to Bruges Base, August 1918: **188**, 2471.
Aerial Record of the Year July 1917-July 1918: **186**, 1951.
Aircraft Destroy Submarines, May 1918: **185**, 1679.
Aircraft's Part in Beating the U-Boat, (illus). H. Woodhouse **190**, 2727.
Air Losses in 1917: **177**, 2688.
Air Navies of the Warring Powers in 1914: **153**, 1561.
Air Raids
Cattaro, 1918: **187**, 2219.
England, November 1916: **167**, 195.
English Coast, Sept. 2-3, 1917: **176**, 2400.
Essen, June 1917: **174**, 1903.
Essex and Kent, June 5, 1917: **173**, 1601.
Folkstone, May 1917: **173**, 1509.
Karlsruhe, June 22, 1916: **164**, 1367.
London, March 16, 1917: **171**, 1074.
London, June 13, 1917: **173**, 1604.
London, October 20, 1917: **178**, 3032.
Mattarello **164**, 1366.
Allies to Launch Great Air Warfare, 1917: **177**, 2685.
American Aviators Bombard German Town, January, 1918: **181**, 620.
Anti-Zeppelin Aeroplanes and Their Work **169**, 602.
Anti-Zeppelin Defenses of London and Paris, 1916: **157**, 977.
Aviation Exploits in the War **159**, 1663.
An Aviator's Experience in the War **175**, 2157.
British
Aeroplanes Engage German Destroyers, April 1917: **172**, 1319.
Air Barrage Checks 30 Raiders **178**, 3038.
Air Forces Raid Constantinople **174**, 1874.
Bomb Tondern, September 1918: **188**, 2468.
Forces Bring Down 465 German Planes, August 1918: **189**, 2688, 2690.
Methods at the Front **172**, 1280.
Plane Flies 2,000 Miles to Bomb Constantinople **180**, 455.
Planes Raid Tondern, July 1918: **187**, 2213.
Raid Dunkirk from the Air, July 7, 1917: **174**, 1870.
Destruction of Zeppelin L-22: **172**, 1321.
Dunkirk and Calais Raided, September 1917: **176**, 2401.
Experiences of Naval Aviators **173**, 1624.
Flying Operations at Night **177**, 2558.
German Airmen Concentrate on American Fliers **173**, 1529.
German Air Raiders Drop Bombs on Harwich, July 1917: **174**, 1869.
German Air Raids
Felixstowe and Harwich, July 22, 1917: **175**, 2127.
September 1917: **177**, 2719.
Southeast Coast of England, August 12, 1917: **175**, 2127.
German Planes Engage British Naval Squadron, June 19, 1918: **186**, 1937.
Italian Air Raid on Pola, July 1918: **187**, 2217.
List of British Aeroplanes Brought Down in March, 1917: **173**, 1528.
London Raided from the Air, June 1915: **158**, 1315.
Military Aircraft in the War **155**, 209.
Ninety-Six Air Raids into Germany, July 1918: **188**, 2481.
Photograph of Raiding Planes over London **176**, 2383.
Possibility of a Zeppelin Raid on England, 1915: **157**, 957.
Raid on Turkish Airship Base Near El Arish **164**, 1365.
Second Raid on London, July 7, 1917: **174**, 1869.
Statistics of Aircraft Losses in the War **194**, 650.
Statistics of Sea-plane Operations, October 1917-August 1918: **194**, 642.
Table of Zeppelin Losses August 1, 1914 to July 15, 1916: **164**, 1316.
Thirty-Four British Aircraft Raid Ostend, 1915: **156**, 647.
Two German Sea-planes Destroyed by Patrol Boat **173**, 1605.
Usefulness of Zeppelins **159**, 1695.
The War in the Air **182**, 906.
Zeebrugge, Ostend and Bruges Raided, June 1917: **173**, 1603.

European War--1914-1918--Aerial Operations (Cont.)
Zeppelin Brought Down at Saloniki at 7,000 Feet **164**, 1364.
Zeppelin L-19 Lost **162**, 654.
Zeppelin Raids on England, September, 1916: **166**, 2062.
Zeppelin Raids Abandoned? **169**, 604.
A Zeppelin Secret **199**, 1647.
Zeppelin Shot Down Near Compiegne, 1917: **171**, 1079.
European War 1914-1918--American Expeditionary Force
American Troops at the Marne, May 1918: **185**, 1702.
Constructing Railroads in France **174**, 1880.
Detailed Account of Transportation Across the Atlantic **174**, 1866.
Getting Together **187**, 2187.
Million and a Half American Troops Overseas **187**, 2120.
Record of Embarkations, to June 1918: **186**, 1868.
Statistics of American Troops in Europe, October, 1918: **189**, 2624.
Statistics of Troops Transported During the War **198**, 1459.
Table Showing Totals of Troops Transported During the War **192**, 274.
European War--1914-1918--Armistice
See also: European War, 1914-1918--Peace.
The Armistice with Germany: terms... **190**, 2885.
Naval Terms of Turkish Armistice **190**, 2875.
Summary of Arrangements with Germany for Carrying Out Naval Terms **193**, 424.
Terms of Austrian Armistice **190**, 2900.
Turkish Armistice Terms **190**, 2905.
U.S. Selects Admirals for Armistice Work **190**, 2815.
European War--1914-1918--Atrocities
German Outrages on Hospital Ships **172**, 1321.
German Submarine Submerged with 41 Men on Deck **175**, 2123.
European War--1914-1918--Australia
Australian War Efforts **187**, 2099.
European War--1914-1918--Austria
Austrian Cabinet Changes, 1916: **168**, 421.
Austria Ready for Peace, July 1918: **186**, 1961.
Austria's Shipping and the War, 1918: **183**, 1057.
The Breakup of Austria **189**, 2711.
European War--1914-1918--Belgium
Belgian Deportations, 1917: **167**, 210.
Government Reestablished in Brussels **191**, 164.
Violation of Belgian Neutrality by Germany; Diplomatic correspondence **54**, 1839.
European War--1914-1918--Brazil
The "Allies' League" in Brazil **172**, 1357.
Brazil's Part in the War **186**, 1853.
Brazil Takes Over 46 German Vessels **174**, 1479.
Brazilian Navy Joins U.S. Forces in South American Waters **174**, 1865.
Spirited Action of Brazil **182**, 831.
European War--1914-1918--Bulgaria
Bulgaria's Power in the War **160**, 2140.
Mobilization of Bulgarian Forces **159**, 1721.
European War--1914-1918--Casualties
British Air Force Casualties **198**, 1456.
British Air Losses to 1917: **172**, 1280.
British Losses in Killed, Wounded and Missing, to October 1915: **160**, 2159.
British Naval Personnel Casualties to May 31, 1915: **158**, 1363.
British Officer Casualties to July 1917: **175**, 2135.
Deaths in U.S. Army During War Period **194**, 679.
French Total War Casualties **192**, 260.
German Casualties in the War to May 1917: **173**, 1484.
Lives Lost on Merchant Vessels in the War to July 1917: **176**, 2306.
London's Air Raid Casualties to July 1917: **175**, 2128.
Proportion of Casualties Caused by Various Arms **162**, 606.
Statistics of German Casualties From Aerial Attacks **194**, 644.
Turkey's War Losses **195**, 845.
U-Boats Have Murdered 14,000 noncombatants **184**, 1406.
West Point Officer Deaths Lead **200**, 1811.
European War--1914-1918--China
China Severs Relations with Germany **17**, 879.
40,000 Chinese Troops to France **184**, 1293.
European War--1914-1918--Chronology
Diary of the War **191**, 141.
European War--1914-1918--Conferences
Allied War Conference, Nov. 1917: **178**, 3079. **179**, 203.
Allies' Conference at Paris on the Near East, July 1917: **175**, 2175.
Allies' Conference on Trade Cooperation, June 1916: **164**, 1379.
British Imperial War Conference, Feb. 1917: **168**, 420.
Conference Between Kaiser and Emperor Charles, May 12, 1918: **184**, 1419.
Conference of the Scandinavian Kings **179**, 212.
Entente Conference at Rome, Jan. 1917: **168**, 420.
Rulers of Sweden, Norway and Denmark Confer on Neutrality, 1914: **155**, 241.
Stockholm Socialist Conference, May 1917: **173**, 1643. **175**, 2174.
Supreme War Council Meeting, Dec. 1, 1917: **179**, 204.
European War--1914-1918--Cost
The Allies' War Bill **191**, 163.
Cost of the War to France **192**, 260.
European War--1914-1918--Declarations of War
Brazil Declares War on Germany **178**, 3082.
Bulgaria and Turkey Declare War on Romania **165**, 1727.
Bulgaria Declares War on Serbia **160**, 2123.
China Declares War on Germany and Austria **175**, 2177.
Complete List of Various War Declarations with Date of Each **190**, 2881.
Costa Rica Declares War on Central Powers **185**, 1723.
Cuba and Panama Declare War on Germany **171**, 1094.
Cuba Declares War on Germany **179**, 213.
Declarations of war by: Austria, Servia, Russia, Germany, Great Britain, France, Belgium, Japan--August 1914: **153**, 1547.
England and France Declare War on Turkey **154**, 1848.
England and Russia Declare War on Bulgaria **160**, 2123.
Germany Declares War on Portugal **162**, 637.
Italy Declares War on Austria **157**, 996.
Italy Declares War on Germany **165**, 1415.
Italy Declares War on Turkey **159**, 1723.
Nicaragua Declares War on Central Powers **184**, 1432.
Rumania Declares War on Austria-Hungary **165**, 1727.
Siam Declares War on Germany and Austria **175**, 2127.
Table Showing Dates of War Declarations of Various Countries **179**, 190.
U.S. Declares War on Germany **171**, 1086.
European War--1914-1918--Diplomatic History
See also: European War--1914-1918--Armistice; Versailles, treaty of.
Allies' Note to Russia, May 26, 1917, stating war aims **173**, 1640.
Allies' Pledge to Belgium, guaranteeing Belgian Independence, Feb. 14, 1916: **162**, 632.
Allies' Ultimatum to Greece, Dec. 31, 1916: **168**, 422.
Anglo-Russian Agreement with Persia, 1916: **165**, 1720.
Austrian Note to U.S.; Feb. 20, 1917, regarding pledges as to warning vessels before sinking **170**, 878.
Austria Severs Relations with U.S., April 8, 1917: **171**, 1093.
Belgian Note to Neutrals, Nov. 1916, regarding deportations **167**, 210.
Central Powers Move for Peace, Dec. 1916: **167**, 204.
Chile Severs Relations with Germany **172**, 1356.
Diplomatic Correspondence at Outbreak of the War **153**, 1529.
Ecuador Severs Relations with Germany **179**, 212.
Entente's Reply, Dec. 1916, to German Peace Proposal **168**, 418.
Evidence of Responsibility for the War **175**, 2170.
German Note to Mexico, Jan. 1917, Proposing Alliance **170**, 878.
German Notes to U.S.
April 12, 1916, regarding submarine attacks on steamers **163**, 1001.
Jan. 31, 1917, announcing unrestricted submarine warfare **169**, 616.
Disavowing Sinking of the Arabic **160**, 2117.
On Arabic Sinking **159**, 1712.
On the Frye Case, July 30, 1915, Sept. 19, 1915 and U.S. Note to Germany Aug. 13, 1915: **159**, 1709.
Regarding U.S. Attitude toward Shipment of Munitions **157**, 985.
Germany Proclaims "War Zone" Around British Isles **156**, 612.
Great Britain
Abandons Declaration of London, July 1916: **164**, 1379.
and Sweden Controversy over Mails, Aug. 1916: **165**, 1717.
Designates Cotton as Absolute Contraband, Aug. 21, 1915: **159**, 1708.
Memorandum to U.S., Oct. 12, 1910, Regarding Mails Controversy **166**, 2073.
"Orders in Council" versus Direct Blockade of Germany, Jan. 1916: **162**, 629.
Trade Memorandum of June 22, 1915: **158**, 1355.
Great Britain Notes to U.S.
Feb. 1915, regarding British restrictions on American Trade **156**, 609.
Dec. 13, 1915, regarding restrictions on U.S. commerce with Scandinavia **161**, 279.
Oct. 10, 1916, referring to U.S. protest on "black list" **166**, 2074.
Defending blockade of Germany, July 23, 1915: **159**, 1703.
Regarding Blockade restrictions, June 4, 1915: **160**, 2099.
Greece Severs Relations with Germany **174**, 1920.
Greece Yields to Allies Demands, June

1916: **164**, 1381.
Japan's Ultimatum to China, May 7, 1917: **157**, 992.
Liberia Severs Relations with Germany **172**, 1355.
Lusitania Negotiations, Germany and U.S., Sept. 1915: **159**, 1714.
Neutral Protests Against Germany's Unrestricted Submarine Campaign, Feb, 1917: **169**, 620.
Neutrals Replies to Entente memorandum requesting exclusion of belligerent submarines from neutral ports **166**, 2076.
Peru and Uruguay Sever Relations with Germany **177**, 2775.
Russian Ultimatum to Bulgaria, Oct. 4, 1915: **160**, 2122.
Significance of Lichnowsky Memorandum **184**, 1420.
Spanish Note to Germany Regarding Torpedoing of Spanish vessels, July 1918: **188**, 2377.
Teutonic replies to Pope's peace proposal **177**, 2762.
United States
Agreement with Spain for forwarding supplies to army in Europe **182**, 953.
and Austria, exchange of notes on Arabic case, Feb. 1916: **162**, 639.
Asks information from England and France as to method of enforcing embargo, Feb. 1915: **156**, 621.
Negotiations with Holland regarding seized ships **183**, 1194.
Protest to England over interference with U.S. mails, Jan. 1916: **161**, 281. **162**, 632.
Protest to France regarding seizure of persons on U.S. vessels, Dec. 14, 1915: **161**, 283
Protest to Great Britain and France, May 24, 1916, regarding interference with mails **164**, 1377.
Protest to Great Britain regarding British trade "blacklist", July 1916: **165**, 1715.
Severs diplomatic relations with Germany, Feb. 3, 1917: **169**, 618.
Severs diplomatic relations with Turkey **172**, 1355.
State Department memorandum defining position of U.S. regarding armed merchant vessels, Mar. 25, 1916: **163**, 1007.
Suggest compromise on submarine blockade, Feb. 1915: **156**, 619.
U.S. Notes to Austria
on the Ancona sinking, Dec. 6, 1916, and Austrian reply **161**, 284.
Regarding shipment of munitions to belligerents, Aug. 1915: **159**, 1716.
Requesting recall of Count Dumba **159**, 1720.
U.S. Note to belligerents, Dec. 1916, asking for statement of possible peace terms, and replies of belligerents **168**, 412.
U.S. Note to China and Japan regarding China and Japanese treaty, May 1915: **158**, 1360.
U.S. Notes to Germany
Feb. 1915, regarding accountability for destruction of U.S. vessels **156**, 614, 618.
July 21, 1915, regarding submarine warfare **158**, 1353.
and Austria, Jan. and Feb. 1916 regarding armed merchantships **162**, 633.
on Lusitania sinking, May 29, 1915, and Germany's reply **158**, 1345.
Regarding Cushing and Gulflight, June 9, 1915: **158**, 1347.
Regarding the Lusitania, May 13, 1915: **157**, 989.
Threatening severance of diplomatic relations, Apr. 20, 1916: **163**, 1004.
German reply to same **163**, 1011.
U.S. Notes to Great Britain
Regarding restrictions on American commerce, Oct. 21, 1915: **160**, 2100.
Regarding restrictions on neutral trade, March 1915: **157**, 981.
Wilson's reply to peace proposal of Pope Benedictus XV, Aug. 1917: **176**, 2430.
European War--1914-1918--Egypt
British protectorate established, 1914: **149**, 238.
European War--1914-1918--Finland
Finland proclaims independence **179**, 209.
German exploitation of Finland **185**, 1719.
German invasion of Finland **182**, 949.
European War--1914-1918--France
Cabinet changes in France, Mar. 1917: **170**, 881.
Fall of the Ribot Cabinet **176**, 2434.
The forces of France **175**, 2147.
Manpower of France in the war **193**, 414.
European War--1914-1918--Germany
Coal situation in Germany in 1917: **178**, 2943.
Discontent in the German fleet, 1918: **181**, 692.
Fall of Chancellor Bethmann Hollweg **174**, 1915.
German effort to obtain base in Caribbean Sea **173**, 1593.
German food regulations, 1915: **156**, 611.
German munitions supply, 1917: **178**, 2943.
German naval policy in the war **188**, 2360.
German trade agreement with Switzerland **185**, 1715.
Germany proclaims the kingdom of Poland **166**, 2081.
Germany's grip on Southeastern Europe **173**, 1644.
Germany's man-power in 1917: **176**, 2298.
Germany's submarine policy **166**, 2078.
Germany's war aims and peace terms, 1917: **175**, 2167.
Germany's war resources: Rumanian oil fields **173**, 1480.
How Germany was supplied by neutrals **174**, 1914.
Labor disturbances suppressed by military force, 1918: **181**, 714.
Mandatories named for German colonies, 1919: **196**, 1073.
The Michaelis ministry **175**, 2169.
Naval mutiny at Kiel, Jan. 1918: **180**, 451.
Naval mutiny at Wilhelmshave, Nov. 1917: **177**, 2507. **178**, 2936.
Political crisis follows von Kihlmann's speech, June 24, 1918: **186**, 1955.
True state of Germany, 1918: **180**, 431.
Why Germany cannot have her colonies **190**, 2855.
See also: Germany, Revolution.
European War--1914-1918--Great Britain
Asquith cabinet gives place to Lloyd George cabinet **167**, 205.
British Admiralty and the Mesopotamia muddle **175**, 2139.
British aeroplane factory investigation, 1916: **166**, 1976.
British instructions to armed liners, Mar. 1916: **162**, 636.
British labor problem in the war **157**, 1028.
British shipbuilding resources being used to the Utmost, 1916: **162**, 569.
British taxation and the war **164**, 1368.
British war mistakes **172**, 1307.
British workshops and the war **177**, 2619.
England's naval policy in war time **167**, 189.
England takes over Turkish and Chilean vessels, 1914: **153**, 1582.
English dominions and the war **153**, 1499.
Irish conscription delayed, 1918: **186**, 1954.
Irish conscription: Lloyd George's speech, Apr. 1918: **183**, 1190.
Labor party ends truce with government **186**, 1954.
The naval crisis, and Admiralty reforms. A. Pollen **173**, 1485.
Organization of the British fleet in 1914: **153**, 1563.
Portsmouth harbor war regulations **155**, 283.
Position of Great Britain at sea. A. Pollen **173**, 1497.
Reorganization of British admiralty, 1917: **175**, 2053.
War powers of British naval and military officers **153**, 1500.
War rationing in England **180**, 466.
European War--1914-1918--Greece
Constantine state policy **161**, 293.
Greece and the Entente **160**, 2126.
Greek fleet taken over by Allies, 1916: **166**, 2064.
Mobilization of Greek forces **159**, 1721.
Shifting Greek cabinets **166**, 2082.
European War--1914-1918--Indemnity
Germany willing to forego indemnities, Sept. 1918: **188**, 2489.
The indemnity question, 1919: **195**, 853.
European War--1914-1918--India: Mutiny in India, 1915: **157**, 995.
European War--1914-1918--Ireland
Germans attempt to land aid for Irish revolt, Apr. 1916: **163**, 1043.
Irish revolt, April 24, 1916: **163**, 1019.
European War--1914-1918--Italy
Fall of the Salandra Cabinet **164**, 1380.
German conspiracies in Italy investigated **168**, 379.
Italy's Adriatic and Albanian claims **175**, 2175.
Italy and the war **154**, 1849.
Italy mines her coast **170**, 868.
Treachery in the Italian navy **178**, 2962.
European War--1914-1918--Japan
Extension of Japanese interests in China following seizure of Kieochau **156**, 625.
Japan and the war **177**, 2628.
Japan decides to arm her merchantmen **169**, 567.
Japan denies rumor of transfer of British ships **168**, 380.
Japan in Siberia **182**, 958.
The Japanese Navy and the war **174**, 1873.
European War--1914-1918--Mexico: German agents' activities in Mexico **175**, 2071.
European War--1914-1918--Military
Central African operations, 1914: **155**, 287.
Ebb and flow of battling armies in France, Nov. 1918, map **190**, 2883.
The enemy's tactics. Henri Bidou **187**, 2230.
Fall of Jericho, map **182**, 932.
Fall of Lovtchen, map **162**, 660.
The Hindenberg line, 1918: **188**, 2480.
Huge U.S. naval guns batter German lines, 1918: **190**, 2879.
Occupation of German colonies **154**, 1844.
The situation. Feb. 1918: **183**, 694.
The situation in Africa, July 1918: **187**, 2253.
Strength of opposing armies, May 1918:

European War—1914-1918—Military (Cont.)
Strength of opposing armies (Cont.) **185**, 1699.
Surrender of German forces in South Africa **158**, 1387.
European War—1914-1918—Mines
See also: Mines.
British close the North Sea **185**, 1682.
British minefields in North Sea **186**, 1939.
Floating mine peril **190**, 2879.
German minefield at Falsterbo reef **163**, 1043.
German minefield in Baltic **160**, 2135.
German minefield off Australia **183**, 1157.
Germany's plans for mining the sea, 1918: **183**, 1060.
Great mine field in the North Sea **184**, 1388.
How the U.S. Navy cooperated with the Allies in laying mines **190**, 2865.
Italy mines her coast **170**, 868.
The minefields in 1914: **154**, 1872.
Mines in Swedish waters **164**, 1366.
Mines play big part in war at sea **181**, 664.
Mining the Kattegat **186**, 1942.
Utility of the mine in the war **182**, 905.
European War—1914-1918—Naval Operations
See also: Dardanelles Campaign, names of battles and vessels.
Action between the Greif and the Alcantara **163**, 1040.
Activities in the Baltic, 1917: **177**, 2726.
Adriatic cruiser raid by Austria, May 15, 1917: **173**, 1608. **175**, 2130.
Advance on Bagdad; operations in Gulf of Persia, 1915: **160**, 2149.
Allies' naval forces occupy Murman coast **186**, 1965.
American destroyer activity in the war **177**, 2704.
Attack on Zeebrugge, Apr. 24, 1916: **164**, 1041.
Austrian destroyer raid in Otranto Strait, Dec. 1916: **168**, 410.
Austrian forces engage Italian and French in battle near Venice, Apr. 1917: **172**, 1331.
Baltic Sea engagement, July 2, 1915: **158**, 1367.
Belgian coast operations, 1915: **157**, 1005.
Belgian coast operations, 1915, Admiral Bacon's dispatch **162**, 656.
Black Sea Engagement, Nov. 1914: **155**, 261.
Bombardment of Dunkirk by German destroyers, Apr. 1917: **172**, 1319.
British and Austrian destroyer engagement, Apr. 22, 1918: **185**, 1690.
British and German destroyers in battle of May 10, 1917, off Flemish coast **172**, 1320.
British and Turkish sea actions, Jan. 1920: **181**, 685.
British cruiser off American ports, 1916: **161**, 318.
The British Fleet at Tsingtau **162**, 669.
British force captures Fort Saliff, Red Sea **173**, 1616.
British-German destroyer engagement, June 30, 1918: **187**, 2209.
British monitors shell Triest railway **173**, 1610.
British naval operations in Central Africa **175**, 2136.
British-Turkish sea action, Jan. 1918: **182**, 928.
Bulgarian coast bombardment, Oct. 1915: **160**, 2139.
Cameroons operations, Feb. 1916: **163**, 1046.
Cruiser battle in Heligoland Bight, Nov. 17, 1917: **179**, 179.
Cutlass and pistol in destroyer action, Apr. 1917: **172**, 1316.
Cuxhaven base raided, Dec. 1914: **155**, 256.
Destroyer battle off Belgian coast, June 1918: **186**, 1936.
Destroyer engagement in North Sea, Jan. 1917: **169**, 613.
Destroyer engagement off Dunkirk, Mar. 21, 1918: **183**, 1146.
The Destroyer in the War. M.B. Dill. **184**, 1363.
Destruction of the Flanders Triangle. Z.W. Wicks **197**, 1093.
Dogger bank engagement, Feb. 2, 1915: **163**, 1034.
Durazzo naval base destroyed **189**, 2681.
Engagement in Adriatic, Apr. 22, 1918: **184**, 1393.
Fagosta Island Austrian submarine base destroyed **159**, 1735.
French and German destroyer engagement off Flemish coast, May 1917: **173**, 1508.
German and English destroyer engagement, June 5, 1917: **173**, 1603.
German cruiser raid on Yorkshire coast, Dec. 1914: **155**, 254.
German cruiser raids in the Atlantic, 1917: **169**, 609.
German destroyers raid Kentish coast and sink British destroyer **171**, 1074.
German destroyers raid shipping in English Channel, Oct. 1916: **166**, 2062.
German flotilla of destroyers raids the Thames. July 1916: **165**, 1704.
German operations against Riga, map, 1917: **172**, 1330. **177**, 2729.
German raid on Dover coast, Feb. 1918: **182**, 921.
German raid on English coast Nov. 1914: **161**, 301.
German raid on Suffolk coast, Jan. 1917: **169**, 613.
German raiders attack British convoy in North Sea, Oct. 17, 1917: **178**, 3035.
Germans raid Lowestoft, 1916: **163**, 1037.
Germany's Baltic victory. A. Pollen **178**, 3041.
Germany's raiders **198**, 1418.
Gulf of Riga operations, Aug. 1915, map **159**, 1730.
Gunboat activities on the Tigris **172**, 1349.
Heligoland Bight action, Nov. 17, 1917: **180**, 445.
Hunting U-boats 300 miles at sea **181**, 680.
Italian motor boats engage Austrian forces, June 10, 1918: **185**, 1691.
Italian Raid on Triest, Dec. 1917. **180**, 454.
Italian warships penetrate Durazzo **164**, 1365.
Jellico minimizes importance of German naval raids **175**, 2155.
Losses in naval war. P.A. Hislam **184**, 1366.
Mesopotamian naval operations 1915-1916: **164**, 1368.
Naval encounter in the Baltic Sea, June 1916: **164**, 1363.
Naval engagement off Durazzo, Dec. 29, 1915: **161**, 307.
North Sea cruiser battle, Jan. 24, 1915: **156**, 632.
Official report of gunboat operations in Mesopotamia, 1917: **178**, 2954.
Operations of the Australian fleet, 1914: **155**, 268.
Operations of U.S. Navy reviewed **190**, 2819.
Pola and Durazzo raided, May 1918: **184**, 1394.
Royal Naval Reserves and the blockade **163**, 1042.
Russian forces raid Black Sea coast, May 29, 1917: **173**, 1616.
Russian naval victory at Riga, Nov. 1915, maps **161**, 304.
Secretary's report on U.S. Navy's war work **191**, 109.
Seizure of German Samoa **154**, 1883.
Suez Canal operations, 1915: **156**, 655.
Tigris river operations, 1917: **174**, 1875.
The war at sea, 1917: **172**, 1314.
The war at sea, Spring 1918: **183**, 1150.
The War in the Adriatic **180**, 453.
With the American Fleet. H. Whitaker **188**, 2445.
European War—1914-1918—Netherlands
Attitude of Holland toward the war **175**, 2143.
Holland and the war **154**, 1850.
Holland gives up ships to Allies **182**, 955.
Holland's quarrel with Germany **183**, 1207.
Holland takes over interned German submarines **168**, 378.
Holland under German pressure **184**, 1429.
European War—1914-1918—Norway
Effect of war on Norway's shipping **182**, 837.
German plots in Norway, 1917: **174**, 1872, 1918.
European War—1914-1918—Peace
See also: Treaties; Versailles, treaty of.
Austrian bid for peace, Sept. 1918: **188**, 2484.
Austria said to want peace, 1917: **171**, 1094.
Bulgaria requests armistice **189**, 2706.
Central powers make separate peace with Ukraine **181**, 706.
Czernin on peace prospects, Apr. 1918: **183**, 1184.
Czernin's terms for a general peace **180**, 468.
Entente's agreement not to conclude separate peace **154**, 1846.
German peace programs 1918: **186**, 1959.
Lord Landsdowne's peace plan **179**, 201.
October 1918, peace negotiations and Wilson's "14 points" **189**, 2699.
Peace negotiations with Austria, May 1919: **196**, 1074.
Peace terms of the Allies, Jan. 1918: **180**, 473.
Pope Benedict's peace proposal, Aug. 1917: **175**, 2165.
Rumania makes peace with Central Powers **182**, 944.
Russia makes peace with Central Powers **182**, 944.
Russia makes separate peace with Bulgaria **180**, 472.
Terms of the peace with Austria **197**, 1275. **198**, 1457.
Turkey moves for peace, Oct. 1918: **189**, 2707.
U.S. Senator Lodge demands dictated peace **188**, 2499.
Von Hertling on peace, 1918: **182**, 939. **186**, 1957.
What is Victory? A. Pollen **191**, 148.
Wilson's peace terms, Jan. 1918: **180**, 477.
European War—1914-1918—Personal Narratives
On a Balloon Ship. L.R. Freeman **185**, 1619.
Prisoner's experience aboard a U-boat **174**, 1881.
European War—1914-1918—Portugal
Portugal plays her part **185**, 1555.
European War—1914-1918—Russia
See also: Russia; Revolution.
Convulsions in the Russian Government, Dec. 1916: **168**, 422.
Russian Navy in the War **158**, 1297.
Russia surrenders Black Sea fleet **186**, 1943.

European War--1914-1918--Ship Losses
Belligerents' Naval Losses (ships): To Sept. 23, 1914: **153**, 1583. To Nov. 8, 1914: **154**, 1853. To Feb. 1915: **155**, 243. To Mar. 1915: **156**, 630. To May 1915: **157**, 1002. To July 1915: **158**, 1361. To Aug. 1915: **159**, 1723. To Oct. 1915: **160**, 2128. To Jan. 1916: **161**, 296. To Mar. 1916: **162**, 643. To May 1916: **163**, 1024. To July 1916: **164**, 1370. To Sept. 1916: **165**, 1707. To Nov. 1916: **166**, 2066. To Jan. 1917: **167**, 198. To Mar. 1917: **170**, 869. To June 1917: **173**, 1633. To Dec. 1917: **179**, 182. To June 1918: **185**, 1704.
British submarine losses in the war **193**, 437.
Losses of British merchant ships, to Oct. 1915: **160**, 2154.
Merchant shipping war losses, 1915: **161**, 319.
Merchant ships of the Allies lost in the war to Mar. 23, 1916: **163**, 1047.
Merchant ships sunk during the war to Jan. 1916: **161**, 318.
Ship losses during 1916 from war causes **169**, 605.
Ship losses of the war according to Lord Beresford, Mar. 1917: **171**, 1076.
Ships attacked or sunk by submarines, Oct. 1915 to Feb. 1916: **162**, 676.
War's toll in merchant vessels to June 1, 1916: **164**, 1320.
Zeppelin airship losses: To May 1916: **163**, 976. To Sept. 1916: **165**, 1681. To Nov. 1916: **166**, 2037. To Dec. 1916: **167**, 179. To Jan. 1917: **168**, 402. To Feb. 1917: **169**, 603.
See also: Names of vessels.
European War--1914-1918--Ships Sunk
See: European War--1914-1918--Casualties and European War--1914-1918--Ship Losses; names of vessels.
European War--1914-1918--Spain
Fall of Prieto Cabinet **173**, 1646.
If Spain Goes to War **188**, 2378.
Spain Suspends Constitutional Rights **174**, 1919.
European War--1914-1918--Strategy
The Channel Straights. A. Pollen **184**, 1354.
Common Sense in War. S. Wilkinson **180**, 299.
The Destroyer in the War. M.B. Dill **184**, 1363.
Digging out tactics and British naval strategy **176**, 2383.
Forecasts and Reality in the Naval War. Romeo Bernotti. Tr. by A.F. Westcott **180**, 317.
The high seas fleet and its bases **189**, 2655.
Strategy of war **172**, 1313.
The war at sea **181**, 662.
European War--1914-1918--Submarine Operations
Action between unnamed liner and German submarine **175**, 2125.
Austrian submarines captured by Italians **168**, 411.
A British submarine's feat--300 mile voyage with smashed bows **164**, 1312.
British submarines in the Baltic, 1918: **187**, 2216.
Can Submarines Combine? A. Pollen **188**, 2437.
Chief factors against Germany's submarines **187**, 2183.
Composition of the anti-U-boat fleet **184**, 1241.
Daring raid by British submarine **175**, 2099.
Defeat of the submarine. A. Pollen. **189**, 2658.
Eight months of U-boat warfare **182**, 907.
Exploits of a German submarine **161**, 312.
15 U-boats sunk in Mediterranean in a month **182**, 927.
German raiders on American coast **167**, 194.
German submarine activities on American coast June-July 1918: **186**, 1933.
German submarine 55 days at sea **167**, 178.
German submarine in Arctic Ocean **168**, 409.
German submarines attack British cruisers, Aug. 1914, U-15 sunk **153**, 1568.
German submarines off American coast, 1918: **185**, 1669.
Germany says submarine campaign is successful, 1917: **171**, 1073.
Germany's strength in submarines and submarine losses, 1917: **172**, 1239.
Hospital ships no longer immune, 1917: **169**, 618.
Intensified submarine warfare, 1917: **169**, 609.
Just what the U-boats are doing, May 1918: **184**, 1398.
Lloyd George on submarine campaign **173**, 1619. **176**, 2415.
Loss of German submarines, 1915: **160**, 2156.
Methods of operations of submarines **172**, 1301.
On the shipping losses of the submarine campaign. C.H. Grasty **176**, 2417.
Operations against the U-boats **187**, 2224.
Pollen's analysis of U-boat losses **176**, 2412.
Record of British submarines **185**, 1684.
Report of Rear Admiral Gleaves on submarine attacks on first American overseas expedition **175**, 2119.
Results of the U-boat campaign, Feb. 1918: **169**, 622.
Six months of U-boat war **177**, 2749.
Six U-boats attack convoy **177**, 2708.
Six weeks of unrestricted submarine warfare. Jan.-Feb. 1917: **170**, 859.
Stories of eight encounters with U-boats **176**, 2420.
Submarine bombardment of British coast, Aug. 1915: **159**, 1727.
The submarine campaign. A. Pollen **183**, 1160.
Submarine chaser sinks U-boat **186**, 1930.
Submarine havoc in Mediterranean Sea **60**, 2139.
Submarine operations in the Adriatic, 1917: **173**, 1611.
The submarine problem. P.A. Hislam **174**, 1843.
The Submarine Situation. W.W. Nutting **173**, 1627.
Submarine situation, Aug. 1918: **188**, 2475.
Submarine situation comments. A. Pollen **178**, 3066.
Submarines and America **186**, 1916.
Submarines and American merchantmen in engagement, Aug. 1917: **174**, 1861.
Submarines and raiders on American coast, Jan. 1917: **168**, 409.
Submarines attack convoy **185**, 1664.
Submarines in Baltic, 1915: **160**, 2133.
Submarines sink 15 British ships, 1915: **156**, 649.
Submarines' toll in tonnage, 1918: **187**, 2222.
Three U-boat fights described **187**, 2199.
Torpedoed U-boats **184**, 1397.
Torpedo shortage restricts U-boats **181**, 603.
Transport rams a submarine **185**, 1661.
Transport sinks two submarines **185**, 1660.
Turn of the tide **185**, 1695.
Two years of submarine warfare **166**, 2025.
U-boat and Q-boat **188**, 2443.
U-boat gas attack off Carolina coast, Aug. 1918: **187**, 2204. **188**, 2456.
The U-boat off the American coast, Apr. 1918: **188**, 2451.
U-boat sunk in engagement with transports **185**, 1662.
U-boats sink 59 ships in 6 weeks **161**, 309.
U-boats' toll over 6,000,000 tons **181**, 688.
European War--1914-1918--Surrender of German Fleet
"Der Tag:" the German fleet's surrender **191**, 89.
End of the German fleet **199**, 1616.
List of vessels to be surrendered **190**, 2808.
Salvage of surrendered German warships **199**, 1621.
Surrendered fleet sunk by German crews **198**, 1417.
European War--1914-1918--Turkey
Turkish army and German officers **164**, 1367.
European War--1914-1918--United States
See also: Dardanelles campaign; Gas warfare; Ships, interned; names of battles and vessels.
Admiral Wemyss on American activities **185**, 1653.
America's record in the war **195**, 846.
The American nation's war plan **172**, 1303.
Censorship in the U.S., 1917: **173**, 1565.
Civilian naval training in U.S., 1917: **168**, 398.
Decision to arm merchantmen **169**, 621. **170**, 876.
German attachés recalled **161**, 292.
German wireless station operates in Chicago during war **188**, 2482.
Half million men building ships in U.S., 1918: **185**, 1565.
Importance of the U.S. entering the war. F.B. Maurice **175**, 2152.
Military Prudence. A.W. Hinds **165**, 1443.
Preparedness: A Vital Necessity. John P. Jackson **165**, 1559.
Trading with the enemy act and its powers **177**, 2769.
Training bluejackets for the war, (illus) **175**, 2050.
U.S. Embargo and its effect **174**, 1852.
U.S. neutrality rules, 1914: **154**, 1818.
U.S. Power boat owners and the navy **167**, 161.
EUSC: See: Effective U.S. Control Fleet.
Evaluation of Ship Performance: It's All Relative (ProfNote). W.R. Harris **832**, 122.
Evans: Development and Growth of American Navy **272**, 1897.
Evans, F.E.
French Campaign in Morocco **371**, 80.
Model Moroccan Operation **384**, 173.
Tragedy of Pelée **427**, 1320.
Evans, Frank T.: Emergency repairs to USS Walke, (illus) **153**, 1387.
Evans, G.A. **634**, 1380.
Evans, G.R.: Search and Rescue--And You! **682**, 35.
Evans, J.G. (artist): Constitution at Malta, 1837--February 1968 Cover.
Evans, R.
Honolulu, and the Panama Republic **294**, 935.
Rear Admiral R.D. Evans. W.C. Tyler **285**, 2197. **287**, 79, 80.
Evans, R.D.
American Steel for New Cruisers **42**, 496.
Enemies. E.S. Kellogg **415**, 1239.
How "Fighting Bob" Earned his Name **662**, 109.

Evans, R.D. (Cont.)
Paper Manufacturer **300**, 166.
Evans, R.L.
Cinderella Carriers (Pict) **882**, 52. **884**, 94. **886**, 88. **887**, 81. **895**, 93.
Should the Navy Design Its Own Ships? (Leopold) (C&D) **873**, 76.
Evans, S.H.: U.S. Coast Guard in War and Peace **550**, 1545.
Evans, S.K.
As Holy Joe Sees It **292**, 733.
Religion in Leadership **292**, 639.
Evans, T.C.: Creep, or Latitude Error, in Torpedo Fire **405**, 1593.
Evaporators
Navy Practice **248**, 1744.
Vacuum Type on German Ships **233**, 1229.
Everitt, P.F.: Notes on Aerial Navigation **342**, 1065.
Evers, C.G. (artist)
USS America (CVA-66)--April 1966 Cover.
America, U.S. Schooner Yacht--September 1967 Cover.
Bainbridge (USS) (DLGN-25)--November 1962 Cover.
Carpathia--April 1962 Cover.
Claude V. Ricketts (USS) (DDG-5)--July 1965 Cover.
Coast Guard's barque Eagle--February 1970 Cover.
Enterprise (CVAN-65)--June 1962 Cover.
F4B Phantom II--February 1965 Cover.
Francis Scott Key (SSBN-657)--September 1966 Cover.
Gambier Bay (USS) (CVE-73)--August 1976 Cover.
Haida (HMCS), "Action at Dawn"--September 1977 Cover.
Long Beach (CGN-9)--August 1964 Cover.
New Jersey (BB-62)--March 1969 Cover.
New York Naval Shipyard and USS Dewey--November 1964 Cover.
Olympia (USS)--September 1976 Cover.
Spruance (DD-963)--February 1976 Cover.
Tanker in Heavy Seas--March 1963 Cover.
Thresher (SSN-593)--March 1964 Cover.
Yorktown (CV-10)--September 1975 Cover.
Eversten (Neth.) **336**, 257.
"On the Way from Tread!..." **595**, 969.
Every Man's Task Force. J.C. Shaw **767**, 62.
Evidence: T.D. Parker **242**, 643. **251**, 88.
Evrard, W.E.: Farewell to Arms (anec) **650**, 415.
Ewald, J.: Over-and under-issues on Small Ships **153**, 1401.
Ewald, J.B.
Chinese Money--New Picture **537**, 1369. **541**, 351.
Officer and Division **289**, 299.
Ewing, A. **347**, 116.
Ewing, E.G.: Skysail--How It Works (ProfNote) **692**, 156.
Ewing, R.S.: **624**, 216.
Grin and Share It (anec) **605**, 757.
Ewing Mutiny. Thornton Emmons and H.C. Votaw **635**, 62.
Examinations
Aviation Medicine. R.G. Davis **284**, 2011.
Examinations for Promotion. T.W. Kinkaid **153**, 1405.
Naval Militia Examinations **154**, 1816.
West Point Cadets for Aviation **328**, 556.
Excavating Machine, Mansfields Hydraulic. E. de F. Heald **30**, 520.
Excellence of Naval Material. F.S. Craven **271**, 1573. **273**, 2167.
Excellent (HMS) **331**, 855. **339**, 633.
Exchange Programs: Fair Exchange. G.M.W. Acda **773**, 60.
Executive Officer
Art of Being. W.J. Catlett, Jr. **621**, 1210.
Richard Wane **181**, 515.
Exercise: See: Physical Training.
Exercise of Command Afloat. C.S. Freeman **331**, 779.
Exercise Polar Express: See: NATO's Northern Flank.
Exercise Snowy Beach: Protest at Snowy Beach (ProfNote). R.W. Blanchard **833**, 118. **837**, 90.
Exercises
Air corps, at Aberdeen **329**, 655.
Efficiency Exercises
Battle Efficiency Competition **695**, 115.
Let's Make the E Stand for Excellent (ProfNote). H.L. Fitch **690**, 138.
Service Exercises. N. Sargent **29**, 233.
Exeter (Eng.) **319**, 807. **337**, 396. **344**, 1411. **357**, 1684. **349**, 429. **352**, 922. **354**, 1220. **356**, 1523.
Exeter City (Br. SS) **363**, 681.
Exhaust Problem for Diesel Engines Reduced By Glass-Fabric Sheet (Nbk) **817**, 110.
Existential Hero, Career Officer As. D.G. Deininger **813**, 18. **827**, 91. **828**, 104. **830**, 99.
Exminster (U.S. SS) **395**, 73.
Exmouth (Eng.) **356**, 1523.
Expedition, Overseas. E.L. King **226**, 1911.
Expeditionary Corps of 1861. F.E. Town **359**, 20.
Expeditionary Forces: Dominican Diary. J.A. Dare **754**, 36.
Experiment (U.S.) **470**, 477.
Exploration
Herndon, Maury, and the Amazon Basin. J.P. Reddick, Jr. **817**, 56. **829**, 109.
Lieutenant Strain's Ordeal (OldNav). L.C. Allin **852**, 83. C&D: **865**, 76.
Peary and the North Pole: Not the Shadow of a Doubt. E.P. Stafford **826**, 44.
Russia's Ancient Ally: the Sea. R.W. Daly **834**, 60.
Explorer (U.S) **823**, 92.
Explorer-Traders, Earliest, of Northwest Coast. A.G. Day **466**, 1677.
Explosions
See also: Boiler explosions; Guns (Ordnance). Accidents; Magazine explosions; Submarine boats. Accidents.
Bombay Explosion. E.F. Oliver **649**, 273. **655**, 1005, 1007.
Book Reviews **329**, 669.
Cause of Battery Explosions. H.A. Guthrie **329**, 629. **333**, 1025.
Explosions: an Experimental Lecture... C.E. Munroe **4**, 21.
German connections with Black Tom and Kingsland **333**, 1056.
Manley (U.S.) **411**, 633.
Notoro (HIJMS) **345**, 1574.
Princeton Explosion. A.H. Miles **285**, 2225.
Explosive Ordnance Demolition (EOD): Operations CHASE. Steve Kurak **775**, 40. C&D: **779**, 104.
Explosive Ordnance School (Indian Head); "Initial Success--or Failure" (Pict) **718**, 92.
Explosives
See also: Name of explosive, and correction **162**, 562.
American Production of Military Explosives and Their Raw Materials. C.H. Wright **212**, 1565.
Ammunition Depot, Hawthorne, Nev. **334**, 1135.
Armor-Piercing Ammunition **229**, 503.
Back-flash From Modern (1907) Smokeless Powders **124**, 1528.
Breaking Down of Ammunition **248**, 1749.
British Inspector of Explosives' Report, 1916: **175**, 2063.
Cause of Premature Explosions in French Naval Powders **144**, 1680.
Cordite **225**, 1844.
Cordite and English Guns **95**, 539.
Cordite of Aquidaban. A. Alberto **281**, 1382.
Crusher and Cutter Gauges for. W.R. Quinan **64**, 507.
Danger of Explosives Undergoing Chemical Change While Stored Aboard Ship **122**, 851.
Description of Trinitrotoluol **133**, 287.
Development of Our Navy's Smokeless Powder. R. Earle **152**, 1041.
Diphenylamine. W.W. Bradley **155**, 125.
DuPont Co: Brandywine Plant Abandoned **344**, 1448.
Effects of Temperature Changes on Gun-powder **106**, 494.
Evolution of Gunpowder **102**, 415.
Evolution of Smokeless Powder. R.W. Henderson **110**, 353.
Explosion Risks of Dynamite **160**, 2081.
Explosives. E.B. Strauss **346**, 1612.
Explosives and Blasting: Operations Sailor Hat (ProfNote). S.C. Reed **759**, 144.
Explosives and Ordnance Material. H. Emmens **59**, 355.
Explosives and Their Properties **124**, 1534.
French Naval Ordnance (and explosives) in 1909: **131**, 981.
French Naval Powder, 1912: **141**, 352. **143**, 1154. **145**, 398. **146**, 878. **148**, 1764.
French Powder, 1912: **142**, 789.
Gelatine.
W.H. Beehler **18**, 473.
Gelatine. C.E. Munroe **18**, 483.
Notes on Gum Dynamite or Gelatine. C.E. Munroe **6**, 21.
Guanidine Explosives **101**, 144.
High Explosives
and Modern War Vessels **86**, 367.
for U.S. Army, 1902: **101**, 137.
High Explosive Tests on USS Florida **126**, 727.
in Naval Warfare. P.R. Alger **94**, 245.
Igloo Magazines **308**, 909.
Inflammability of Celluloid **141**, 356.
In Warfare, High. F.M. Barber **58**, 231.
Japanese Explosive Industry **114**, 524.
Liquid Oxygen **244**, 1042.
The Mechanics of. Karl Rohrer, Tr. **44**, 258.
Mercuric Azide **218**, 622.
Military Explosives. T.S. Wilkinson **160**, 1925.
Military Initiants **218**, 622.
Mixture of Gases, Ignition of... H. Hutchins **45**, 419.
A New Detonating Agent "T.N.T" **151**, 882.
A New French High Explosive, 1902: **104**, 997.
Nitrobyronel **187**, 2125.
Nitrogen Question from a Military Standpoint. C.E. Munroe **131**, 715.
Nitro-Starch as an Explosive **175**, 2062.
On the Stability of Smokeless Powder **136**, 1141.
P.R. Alger **136**, 1147.
H. Maxim **136**, 1145.
R.W. McNeely **136**, 1147.
G.W. Patterson **136**, 1146.
Notes on Literature of. C.E. Munroe **22**, 657. II: **20**, 297. III: **21**, 439. IV: **24**, 287. V: **27**, 735. VI: **29**, 203. VII: **32**, 85. VIII: **33**, 275. IX: **35**, 763. X: **37**, 179. XI: **38**, 423. XII: **39**, 603. XIII: **41**, 227. XIV: **42**, 405. XV: **43**, 567. XVI: **44**, 149. XVII: **45**, 423. XVIII: **47**, 751. XIX: **48**, 75. XX: **49**, 285. XXI: **50**, 491. XXII: **52**, 31. XXIII: **61**, 91. XXIV: **65**, 61. XXV: **69**, 109. XXVI: **76**, 789. XXVII: **79**, 599. XXVIII: **84**, 705. XXIX: **87**, 457.

Powder 225, 1844. 248, 1750.
Production of Explosives in U.S., 1915, 1916: 176, 2317.
Projectiles containing explosives 170, 665.
Protection against bombs and high-angle shell fire. C. Rougeron 348, 229, 277.
Puritan tests, 1911, U.S. 137, 318.
Purposes, Electricity Applied to. Sir F.A. Abel 27, 767.
Radium 305, 602.
Report, 1912, U.S. Joint Army and Navy Powder Board in connection with an editorial in London "Engineering" of Oct. 6, 1911. (Regarding U.S. Explosives 141, 133.
Safe storage of high explosives. A.H. Miles 322, 1027.
Sensitiveness of Trinitrotoluene 167, 171.
Shells on Ships 95, 539.
Ship's magazines; precautions for their safety 141, 353.
Shrapnel and time fuses 237, 1980.
Size and Spacing of Units. G.L. Schuyler 323, 31.
Smokeless Powder and Smokeless Boilers 115, 739.
Smokeless Powder in Mortars 101, 143.
Some modern developments in methods of testing explosives, (illus) 135, 805.
Sources of supply of nitrogen compounds 176, 2225.
Sprengle's. Karl Rohrer, Tr. 49, 368.
Stability of Smokeless Powder. J. Strauss 136, 929.
Stowage of explosives on Italian battleships, (illus) 146, 859.
Temperature of. 95, 543.
Testing of explosives for sensitiveness to shock by the drop-hammer method. H. Kast 134, 627.
Testing of explosives in Germany for railway transportation, 1910: 134, 626.
Tests for liability to spontaneous combustion in magazines 123, 1319.
Tetranitranilin, a new artillery explosive 148, 1765. 149, 254.
Tetra-nitro-aniline 162, 533.
Toluol sources 188, 2395.
Trinitrotoluene in the War 157, 939.
Velocity of Combustion under Variable Pressure. J.H. Glennon 68, 449.
Weber stability test 147, 1359.
Wet gun cotton as a bursting charge 102, 424.
Exposé: You Can't Print That 326, 364.
Exposition: Postgraduate course in, H.C. Washburn 199, 1583.
Exterritoriality and Asylum. J.H. Gibbons 70, 301.
Exton, W., Jr.
Motion Picture Training Films in Navy 485, 933. 487, 1237.
Readying Naval ROTC's for War 472, 814.
Eyes, Use of, at Night: See: Optics.
Eyman, R.P.
Feasibility of the Franklin Piloting Technique (Brown) (C&D) 804, 92.
Latitude by Observations at Lower Transit (Norville) (C&D) 865, 77.
Riding Out Philippine Typhoon 505, 315.
Eyre, J.K., Jr.
Alaska and Aleutians: Cockpit of North Pacific 488, 1287.
Background to Japanese Naval Treachery in Pacific 497, 875.
Civil War and Naval Action in Far East 477, 1543.
Early Japanese Imperialism and Philippines 561, 1267.
Formosa, Japan's Southern Naval Bastion 481, 321.
Hongkong-British Naval Station and Imperial Outpost 493, 303.
Japanese Expansion toward Mandated Islands 501, 1321.
Japanese Imperialism and Aguinaldo Insurrection 558, 901.
Java Sea: Memorable Naval Battle 482, 516.
Naval History of Martinique 474, 1115.
Naval Power and American Destiny 577, 297.
Sea Campaign from Australia to Philippines 518, 539.
Sea Power and Growth of Japanese Imperialism 485, 977.
Shattering Myth of Japanese Invincibility 508, 667.
True Meaning of Post-War Naval Preparedness 516, 227.
Eyre, M.K.: Comparison of Hotchkiss and Hebler Rifles... 46, 589.

F

F-1 (U.S. submarine): Rammed and Sunk by USS F-3: 180, 433.
F-4 (U.S. submarine)
Defects of the F-4: 159, 1650.
Report of board of inquiry on loss of the F-4: 160, 2059.
Salvage operations on the F-4, (illus). J.A. Furer 160, 1833.
F-4B Aircraft, Blue Angels Adopt (Nbk) 787, 152.
F4B Phantom II: See: Cover pictures.
F4H-1 Phantom II: See: New Navy.
F6F-3 Hellcat: Back From the Bottom (ProfNote). M.S. Bartels 825, 101. 829, 102.
F-14 Grumman Tomcat--June 1973 Cover.
F-14 Tomcat
F-14--Weapon System in Search of Its Engine (ProfNote). J.S. Christiansen 886, 103. 888, 73.
Of Fighters and Facts (ProfNote). T.F. Connolly 833, 113.
Pictorial: W.M. Powers 884, 75. 888, 73.
F-14A, Grumman Chosen for (Nbk) 793, 154.
F-18 Program: The F-18 (ProfNote). H.L. Halleland 884, 123. 887, 82. 895, 82.
F-51D Mustangs Modified for Guerrilla Role (Nbk) 780, 141.
F-111 aircraft: Britain to Buy 40 More U.S. F-111s (Nbk) 773, 154.
F.O.B. 206, 645.
Fa'atulia (Samoan chieftainess) 295, 1043.
Letter regarding heroism of Fa'atulia in Samoan hurricane. William Churchill 126, 601.
Fact or Fancy. J.Y. Dreisonstok 348, 219.
FADAP: See: Seymour Dombroff.
Fagan, B.G.: Patrol Guerrilla Motor Boats (C&D) 741, 111.
Fagan, George V.: FDR and Naval Limitation 626, 411.
Fahey, J.H. 430, 1793.
Fahey, W.F.: Naval Academy Planetarium (ProfNote) 750, 136.
Fahle, R.S.: Panama Canal--Auxiliary of Fleet 615, 495.
Fahy, C.M. 383, 724.
Fahy, E.J. 401, 1032.
Lo! The "Poor Janitor" Thinks 395, 31. 398, 562. 401, 1037.
Pushbuttons Need Men 552, 149. 561, 1293.
Fahey, J.A.
Profile of Soviet Military/Naval Schools (ProfNote) 798, 134. 806, 102. 812, 85.
Soviet Character Study (ProfNote) 776, 136.
Fahey, W.F.
Overhaul for the USS John A. Bole (DD-755) (C&D) 800, 106. 804, 97.
What Shall We Wear? (Schulze) (C&D) 816, 88.
Failey, C.F. 447, 718. 551, 99.
Fairchild, J.A.: Turkey, Gibraltar of Middle East 612, 169.
Fair Exchange. G.M.W. Acda 773, 60.
Fairfax, D.M. 329, 638.
Fairlamb, G.R. 310, 1113. 312, 170. 318, 712. 329, 644. 337, 392. 463, 1311.
Aircraft in Control of Trade Routes 349, 343.
Destroyer Engineer in Battle 274, 2289.
Independent Air Force 265, 381.
Fairview (U.S.): Fairview (EPCER-850) (NewNav). H.J. Sutphen 731, 146.
Faith (SS) 227, 126.
Concrete ship Faith 184, 1347. 185, 1637.
Faithful in Death 255, 813.
Fajans, A.E.
"...a most successful naval visit" (Bublitz) (C&D) 791, 104.
The Airborne Destroyer (Marshall) (C&D) 857, 83.
Falaba (SS): See: Thrasher, L.C.
Falconer, W.M.: Translation from Odyssey 336, 281.
Falconer's definition of the duties and responsibilities of an Admiral 828, 115.
Falcon Princess, MSC Supplies Glass Slipper for Mistreated (C&D) 862, 87.
Fales, DeCoursey: Sail Training at the Naval Academy (ProfNote) 701, 119.
Falk, J.F. (photog.): Farewell to Chichi Jima (Pict) 789, 91.
Falk, S.L. 619, 1050. 625, 336. 636, 207. 710, 107. 715, 106.
Carrier Employment Since 1950 (C&D) 757, 122.
Disarmament on the Great Lakes 706, 69.
Dreadnought Gap (C&D) 770, 109.
Review of Incredible Victory (C&D) 785, 101.
Uncommon Defense and Congress 1945-63 (C&D) 779, 103.
Your Island Is Moving at 20 Knots! (Underbrink) (C&D) 803, 98.
Falken (Swed) 418, 1722.
Falkiner, R.B. (joint author): See: Hanks, C.C.
Falkland Islands 232, 930. 307, 811.
Falkland Islands, Battle of 155, 276. 360, 304. 448, 868.
See also: Yankee Device.
The Falkland Fight 158, 1385.
The Falklands Victory 156, 674.
Falklands, Background of Coronel and. C.C. Wood 377, 939.
Fall, William: See: Malo, H. American Privateers 139, 933.
Falmouth (Eng.) 355, 1372.
Launched, description 136, 1160.
Falmouth (U.S.) 441, 1607.
False Radar Returns: Don't Fall in the Radar Hole. R.C. Sherar and Jay Rosenthal 850, 55. 857, 92.
Family Finances: Plan For All Seasons. H.N. Lyon 797, 35. 802, 108, 109. 803, 100, 101, 102.
Family Support Services: Waiting Wives. K.P. O'Beirne 883, 28. 887, 80, 81. 888, 81.
Fane, F.D.
and D.W. Moore: Naked Warriors 643, 913.
Skin Diving in Polar Seas 672, 65. 680, 103.
Fanning, Nathaniel: Short Sketch of Career 141, 339.
Fanning Island: The Nurnburg at Fanning Island 157, 1022.
Fanning (USS) 258, 1344. 379, 1309. 380, 1401. 383, 99. 434, 563.
Launched; description 141, 339.
Sinks U-boat 180, 435.

Fant, G.E.
Aeronaut—Mk. 1 (OldNav) 832, 90.
But When the Breezes Blow... (anec) 836, 33.
Fantasque (Fr.) 348, 286. 350, 616.
Fantassin (Fr. destroyer): Loss of the Fantassin 164, 1364.
Far East
American Diplomacy in Far East. C.B. Mayo 347, 57.
Between Wars. J.A. Lee 431, 63.
[British] Lion in the East. B.W. Blee 730, 41.
British See War In. F.H. Simonds 266, 678.
Disturbing Outlook in Orient. D.W. Knox 424, 797.
Far East Doctrine. C.C. Gill 235, 1479.
Is U.S. Aid to the Orient Working? J.Z. Reday 657, 1149. 669, 108.
Military Assistance in the Far East. C.A. Smith 694, 40.
Our Navy in Pacific and Far East Long Ago. C.L. Lewis 484, 857.
Pioneers of Pacific. R.S. McIver 498, 945.
Farber, W.S. 326, 363. 328, 569.
Farenholt, A. 307, 783. 346, 1733. 424, 891. 427, 1344. 436, 933. 442, 1776. 443, 82, 150. 472, 853. 476, 1507. 492, 191. 494, 442. 495, 569. 496, 699. 501, 1387. 528, 203. 544, 760. 583, 991.
"And There Were Giants in the Earth in Those Days" 398, 519.
Another December Seventh in Hawaii 586, 1267.
Captain Whiting's Hair (anec) 556, 709.
Destruction of U.S. Missouri at Gibraltar, Aug. 26, 1843: 142, 557.
An Enumeration and Short Account of Names of Men-of-War during the Early U.S. Naval History 131, 889.
Extra Hazardous Duty (anec) 571, 989.
Gun Salutes (anec) 559, 1045.
Hawaiian Navy and International Incident 446, 517.
James Griffin, Naval Jonah 441, 1607.
Landing Horses (anec) 556, 691. Repr.: 875, 53.
Name of Essex in Our Navy 517, 417.
Notes concerning the origin of some of the institutions of the British Navy 135, 835.
Passing of the USS Independence, (illus) 161, 209.
Reporting for Duty (anec) 568, 645.
A short account of legislative action in regard to U.S. Navy to War of 1812, and notes concerning vessels 128, 1279.
Strict Obedience (anec) 552, 163.
Twenty Inch Guns and Sand (anec) 604, 613.
USS Independence, an appreciation 149, 129.
Voyage of Charleston to Manila 255, 753.
When We Owned Russian Gunboat (anec) 537, 1367.
Farenholt, O.W.
Autobiographical Notes 310, 1047. 312, 139.
Reminiscences of USS Oneida lost in Yeddo Bay 1870: 152, 1109.
The USS Idaho: reminiscences, 1866-1870: 144, 1451.
Volunteer navy in the Civil War 200, 1691.
Farfadet (Fr. submarine): Sinking of. 115, 705.
Faries, W.R. 552, 225. 557, 823.
Faris, W.D.: Distantiagraph 181, 557.
Farley, L.C.: Seagoing officer and the war college 161, 211.
Farmer, C.C. 583, 989.
Farmer, E.G.: Skenesborough: Continental Navy Shipyard (OldNav) 740, 160.
Farquhar, N.H.
The Barometer in High Southern Latitudes 5, 113.
How may Sphere of Usefulness of Naval Officers be Extended... Honorable Mention, 1883: 24, 195.
Inducements for Retaining Trained Seamen in the Navy... Prize Essay, 1885: 33, 175.
Farquharson, W.J.
Canada's Auroras (Orions) Due for Delivery in 1980 (C&D) 887, 85.
Soviet Naval AA Cannon Persists in Missile Age (ProfNote) 860, 109.
Farr, P.C.
Latin American Military (Toner) (C&D) 793, 107.
Modernization of the Midway (Kaune) (C&D) 830, 102.
Farra, D.G.: Turkish Naval Academy: 200 Years of Naval Education (Tezel) (C&D) 849, 88.
Farragut, D.G. 276, 260. 292, 736. 327, 375. 330, 717. 402, 1219.
See also: Cover Pictures—June 1956.
Admiral Farragut and General Butler. Richard S. West, Jr. 640, 635. 648, 214.
Damn the Torpedoes...? W. Bovey 440, 1443. 441, 1676. 442, 1776. 517, 442.
Relations Between Farragut and Porter. R. West 389, 985.
Farragut, David Glasgow
Farragut and Mobile Bay. J.C. Watson 291, 551.
C.F. Goodrich 250, 1961.
Farragut at Crossroads. A. Mordell 336, 151. 340, 858.
Farragut Lashed to the Rigging 13, 303.
Farragut Memorial Window 291, 527.
First Meeting of the Committee 149, 282.
Graduates' Associate Committee appointed 148, 1787.
Report of Committee, June 1914: 152, 1269.
Report of Committee, June 1915: 158, 1395.
Farragut (USS) 346, 1715. 378, 1158. 381, 1620.
DLG Modernization Program (ProfNote). W.A. Cockell, Jr. 827, 101.
Farrell, E. 450, 1167.
Farrell, E.C.: Quiet Crisis in the Silent Service (Thamm) (C&D) 830, 98.
Farrell, R.L., Jr. 705, 108.
Farrell, W.F.: Sighted Sub—Found Sane (anec) 704, 79.
Farrington, R.F.: Military Assistance at the Crossroads 760, 68.
Farrow, J.V. 661, 101.
Acme of Service (anec) 656, 1081.
Farwell, Byron: The Admiral's Question (C&D) 868, 84. 872, 90.
Farwell, E. 317, 626.
On a new system of sound signals in fog 157, 910.
Farwell, R.F.
Changes in International Rules for Preventing Collisions at Sea 410, 527, 603. 411, 763. 413, 1065. 414, 1213.
Conflicting Signals 373, 333.
Critique of American Collision Law 367, 1249, 1384. 370, 1786. 373, 405. 380, 1429.
Crossing Situation 386, 513.
Good Seamanship 411, 667.
Head and Head 417, 1601.
How Should International Rules Be Changed? 538, 1485.
Inevitable Accident 396, 161.
Lawful Lights 409, 307.
Law in Fog 376, 784, 833. 380, 1429.
Notes on Alaska Piloting 413, 969.
Overtaking Situation 453, 1558. 454, 1835.
Principles of Marine Collision Law 428, 1456.
A Proper Lookout 389, 934.
Special Circumstances 393, 1597.
Supreme Court Speaks 462, 1088.
Whistle Argument: Analysis and Plan 542, 473.
Fast combat support ship (U.S.)
Navy Awards $48.4 Million Contract for Fast Combat Support Ship (AOE) (NBK) 726, 144.
USS Sacramento (AOE-1) (Pict). William Case and R.D. Moeser 778, 88.
Fast deployment logistics ships
FDL as Seen from Abroad (Nbk) 772, 148.
FDL Surfaces Again. R.L. Madouse 784, 54. 787, 112.
House May Restore Two FDL Ships (Nbk) 773, 146.
LHA Contracts Awarded (Nbk) 777, 148.
Pentagon Picks Litton for FDL (Nbk) 776, 142.
Senate Approves New FDL Vessels (Nbk) 785, 146.
Fast patrol boats
Missile Armament for the FPB (ProfNote). S.W. Gladwin 805, 111.
Missile-Armed Fast Patrol Boat (ProfNote). H.J. Lenton 805, 109.
Fate: Is Defeat Inevitable? E.M. Eller 379, 1201.
Father of American Navy. F.E. Cross 298, 1296.
Fathometer 331, 862.
Fatigue
See also: Physical training.
Some hygienic precautions to be observed while training. H.G. Beyer 111, 577.
Fatigue and performance: Fatigue: The Invisible Rust. J.B. Haines 748, 88.
Faulty communications. S. Ballou 312, 89.
Faust, H.P.: Riding a Hobby: Collecting Naval Postmarks 379, 1231.
Faust, W.H.: Admiralty Law 226, 1919.
Favill, J.: Latitude by H.O. 211: 391, 1258. 397, 411.
Fay, E.A.: Thanks to Yellow Fever 598, 1343.
Fay, N.J.: Goodbye, Admiral Ageton (C&D) 844, 93. 849, 98.
Fay, R.D.: Reducing latitude sights to meridian 214, 1971.
Fay, S.B. 607, 1023.
Fayal, Sea Fight at (OldNav). R.J. Hanks 777, 157. C&D: 781, 114.
Fea, L.: Washington conference and naval construction 235, 1626.
Fear
See also: Morale.
Emotion of fear. In Bakewell, C.M. 149, 164.
Psycho-physiological disturbances produced...in presence of danger 145, 356.
Fearless (HMS)
Royal Navy's First Assault Ship (ProfNote). P.J.M. Shevlin 765, 148.
Trials 148, 1740.
Fearless (U.S.)
See also: Cover Pictures.
Fearless in the B.A. to Rio Race. W.E. Tobin, III: 754, 66.
Fears, D.G.: Tin Can Off Starboard Bow (anec) 571, 1015.
Feaster, J.B.: Method of Using Stars Listed Under "Additional Stars" 539, 68. 543, 629.
Featherman, Maurice: Ship That Sank from Fright (OldNav) 838, 84. 845, 97. 847, 88.
Featherston, F.H.
A.E.D.O. A History and a Heritage 780, 27.
The Civilian Navy 765, 99. 768, 116. 770, 116.
P.G. School 730, 62. 733, 110.

Radionuclide Power for the Navy **680**, 72.
This Business of Project Management **827**, 22. **839**, 99.
Fechteler, A.F.: On Training of Landsmen **103**, 612.
Fechteler, W.M. **439**, 1338. **444**, 258.
Formula for Success **596**, 1123.
F[ederal] A[viation] A[ct] and the Navy. W.E. Muller **673**, 95.
Federal council of churches **316**, 479. **317**, 657. **321**, 1012.
Federal German Navy
Construction Program Approved (Nbk) **798**, 158.
Missions and Concept of the Federal German Navy (ProfNote). Karl-Heinz Reichert and Franz-Dieter Braun **874**, 96. C&D: **878**, 90.
Federal Maritime Commission and the American Merchant Marine (ProfNote). John Harllee **811**, 84.
F.M.C. Gains Foreign Ship Data (Nbk) **772**, 151.
Federal Maritime Law: Pleasure Boats and Oil Spills (C&D) **854**, 103.
Federal Navy
See: Old Navy.
Torpedo Rafts **698**, 104, 105. **706**, 110.
Federal Reorganization: Outline of Proposed Changes **242**, 707.
Fedotov, D.: Russian Navy and Revolution **232**, 895.
Feeney, J.S.: Polaris Duty; Pinnacle or Predicament? (C&D) **779**, 107.
Fei Ching (Chinese SS) **345**, 1473.
Fei Hung (Chinese cruiser)
Description **148**, 1728. **150**, 495.
Gun Trials **149**, 256.
Purchased by Greece **151**, 854.
Feipel, L.N.
The Navy and filibustering in the 50s **182**, 767. **183**, 1009. **184**, 1219. **185**, 1527. **186**, 1837. **187**, 2063.
Our Old Naval Literature **227**, 49.
Seal, or coat of arms, of the U.S. Naval Academy (illus) **145**, 155.
U.S. Navy in Mexico, 1821-1914: **155**, 33. **156**, 489. **157**, 889. **158**, 1159. **159**, 1527. **160**, 1993. **161**, 171.
Wilkes Exploring Expedition, map **153**, 1323.
Feipel, Louis N., Tr.: Maurer, H.: Can the graduation of the compass into points be dispensed with? **154**, 1659.
Feis, Herbert **665**, 121.
Feld, R.J.: Trip through Panama Canal **205**, 405.
Feldman, Irvin: Needed: A Credible Presence (C&D) **762**, 114.
Feldman, Joseph: Illuminating Incident (anec) **784**, 118.
Feldt, E.A.: Coastwatching in World War II: **703**, 72.
Felger, D.G.: 1200-Pounders: Prognosis Guarded **854**, 60. **858**, 91.
Fellowes, J.H.: Operation Homecoming **886**, 30.
Felt, H.D.
Potential of Our Nuclear Age Navy (ProfNote) **659**, 110.
Renewing Faith in America (C&D) **845**, 83.
Female Crews Are Considered For U.S. Navy Ships by CNO (Nbk) **822**, 109.
Female sailors: "Sweetheart and Wives" **687**, 98, 100.
Fencing: See: Swordsmanship.
Fender, New Type Absorbs Impact Energy (Nbk) **804**, 121.
Fenian Ram. C. Rucker **390**, 1136.
Fenn, H.K. **339**, 705. **439**, 1340.
Bent Arrow Rule **278**, 674.
Collision Courses by Radiocompass **333**, 1019.
When Rate of Change of Bearing is Maximum **340**, 793.
Fenn, R.W.: E-2A Hawkeye (NewNav). R.W. Fenn **741**, 156.
Fenner, E.B.
Diagram for graphical correction for exmeridian altitudes **179**, 53.
Discipline **223**, 1371.
On "compass corrections" of J. Herrera **166**, 1950.
On Forbes' "Interpolating instrument for Aquino's tables **184**, 1285.
On Littlehale's "Altitude, azimuth and hour angle diagram." **177**, 2577.
On Marvell's "Development of the method of finding a line of position." **145**, 228.
Fenton, H.J.: Study of Naval History **201**, 1867.
Ferdinand I, (King of Roumania): Death **295**, 1023.
Ferguson, C.K.: And the Walls Came Tumblin' Down **810**, 70. **818**, 94.
Ferguson, E.S. **611**, 89.
Launch of United States Frigate Constellation **535**, 1091. **538**, 1503.
Ferguson, G.T. **490**, 1610. **493**, 321.
Ferguson, G.W.: Camp Pendleton...to mold a finer Marine (Pict) **780**, 86.
Ferguson, H.N.: Ahoy, Rebel (anec) **688**, 130.
Ferguson, J.D.
Are Coast Guard Small Boats Small Enough? (Hureau) (C&D) **886**, 89.
New Maritime Role for Dutch Aircraft (ProfNote) **898**, 101.
Ferguson, J.N.: The Submarine Mine **154**, 1697.
Ferguson, J.W. **701**, 96.
Ferguson, K.B.: Situation in Pacific **270**, 1551.
Ferguson, W., III: Carrying Other Fellow's Load (anec) **582**, 817.
Fergusson, C.M., Jr.: New U.S. Military Philosophy **695**, 42.
Ferrand, M.C.: Torpedo and mine effects in the Russo-Japanese War. P.R. Alger, Tr. **124**, 1479.
Ferrari-Aggradi, Filippo: Italian Naval Academy (Pict) **679**, 89.
Ferrell, Jim: Elective Service (anec) **802**, 45.
Ferrell, M.M.: Legal Assistance for Naval Personnel **492**, 157.
Ferrell, R.L., Jr.: Image of Command (Edwards) (C&D) **809**, 103.
Ferretti, E.: Warships of the First Line of Battle **163**, 991.
Ferrier, D.T. **513**, 1357.
Ferrier, H.H. **675**, 102.
Torpedo Squadron Eight, the Other Chapter **740**, 72.
Ferrill, J.W. **681**, 103. **683**, 109. **687**, 103. **692**, 109. **695**, 116. **708**, 118.
Ferris, J.B., Jr. **563**, 96. **566**, 447. **622**, 1389.
Ferris, James: "Go, Labor On" (anec) **834**, 44.
Ferris, John B.: Ally to the South: the Peruvian Navy **627**, 535.
Ferriter, C.A. **567**, 557.
Captain of "Whip" **477**, 1567.
Ferro-Cement: Vietnamese Navy Using Cement Boats (Nbk) **803**, 133.
Ferro-Chromium: Metallurgy of. **182**, 858. **184**, 1340.
Ferry-boat, Screw. E.W. Woolsey **62**, 305.
Fetish of formulas: O. Smith **261**, 1841.
Fiat Marine Oil Engine: Description, 1911: **139**, 1074.
Fiber
Manila (Abaca), for World War II. K.G. Pearson and A.L. Holden **507**, 525.
Philippine Industry **276**, 262.
Fiber Glass for Boats of the U.S. Navy (ProfNote). K.P. Spaulding, Jr. **793**, 141.
Fiber Optics and Naval Aviation (ProfNote). W.M. Powers **884**, 135.
Fichtel, J.L.
Binnacle List (anec) **656**, 1091.
Dirty Deal (anec) **657**, 1207.
Fidell, E.R.
The Coast Guard and Fisheries Law Enforcement **877**, 70.
The Law and Fishery Enforcement on the High Seas (ProfNote) **869**, 95.
Field, B.P. **538**, 1512.
Field, J.A., Jr.
Admiral Yamamoto **560**, 1105.
Leyte Gulf—First Uncensored Japanese Account **577**, 255.
Translator: See: De Belot, R.
Field, R.L.: Black Midshipmen at the U.S. Naval Academy **842**, 28. **846**, 98. **849**, 91.
Field, R.S.
Armistice Days in Adriatic **333**, 961.
Destroyer in Near East **264**, 246. **265**, 400.
Lobsters and Navy **329**, 615.
Royal Italian Naval Academy **412**, 851.
Spalato **267**, 775.
Training Reservists Aboard Destroyers **316**, 502. **318**, 709. **322**, 1063.
Field, W.L.
He Waited Too Long (anec) **758**, 51.
Little Toot (anec) **753**, 35.
Fielden, R.W.: Life on USS Compass Island (anec) **683**, 149.
Fields, Simeon (BkRev) **740**, 104.
Fields, Victor
Eyes Have It (anec) **689**, 47.
It Isn't the Money—It's the Principle (anec) **728**, 129.
Fieler, A.: Russian Bolshevism **330**, 773.
Fife, James **695**, 121. **709**, 116.
Fifty Years of Service. R.C. Smith **248**, 1601. **368**, 1417.
Fighter/attack (VF/VA) Squadrons: Mission Versus Tradition (ProfNote). S.J. Fitrell **829**, 120.
Fighters: F. Sherman **331**, 831.
Fighter Weapons School: Top Gun—The Navy's "MiG-Killing" School (ProfNote). Andrew Hamilton **875**, 95.
Fighting Leader for Fleet. R.K. Turner **230**, 561.
Fighting Man, I Am an American (ProfNote). J.E. Magee **654**, 903.
Fighting Value of a Vessel, Determination of. **76**, 901.
Figureheads
Constitution: See: Constitution (U.S.).
General Armstrong (U.S.) **434**, 502.
Hercules, Ohio (U.S.) **411**, 764.
Ship **329**, 674.
Tecumseh **329**, 674.
Vanishing naval tradition—figurehead. C. Lathrop **297**, 1166, 1211. **301**, 217.
Fiji Islands: Caldwell, C.H.B.: Fijian Adventure. W.B. Ammon **408**, 224.
Filbry, F.W. **499**, 1158.
Files as source of information **387**, 617.
Filho, Guilherme H.: Trinitrotoluol, or trotyl, torpedo charges, A.B. Hoff, Tr. **146**, 721.
Filibusters: Feipel, L.N.: The Navy and filibustering in the 50s. **183**, 767. **183**, 1009. **184**, 1219. **185**, 1527. **186**, 1837. **187**, 2063.
Filing System for the Navy: Foley, Paul **139**, 737.
Filippo Corridoni (RIN) **328**, 549.
Fillmore, J.H.: A New Method of Making Running Surveys **33**, 269.
Finances
Cost of Time-Purchases **680**, 99. **684**, 99.
Finance, Naval and Supply School. D. Potter **402**, 1138.
Financial control of ships' overhauls. G.C. Manning **326**, 296.
Financing, Flexible Family. R.H. Bowers **836**, 52. **844**, 94. **845**, 95.

Finances (Cont.)
Navy Financial Management of Resources (ProfNote). J.T. Talbert, Jr. **804**, 117.
Overview of the Defense Budget. E.T. Reich **813**, 23.
Stock markets and the approach of war. In Tittoni, Renato. Signs of intended invasion **150**, 345.
War Finance. J.L. Seligman **394**, 1829.
Finch, William B.: Circumnavigates the globe in the USS Vincennes, 1826-30: **134**, 455.
Finch (USS): Launched **183**, 1077.
Fine, S.S.
Ph.D. in Uniform (C&D) **770**, 112.
Principles of War: A Thesis for Change (C&D) **781**, 108.
Finerty, M.J., Jr.: A New Look at Tidal Dynamics (Gardy) (C&D) **865**, 81.
Finite Deterrence, Controlled Retaliation. P.H. Backus **673**, 23. **679**, 104.
Fink, G.B.: Hostile Coexistence **770**, 66.
Finkelstein, J.B.
Changes in Ships' Status **863**, 111. **864**, 108. **865**, 109. **868**, 110. **869**, 108. **870**, 125. **871**, 111. **872**, 126. **873**, 105. **874**, 106.
Changes in Status of Ships and Shore Establishments **851**, 118. **852**, 124. **853**, 126. **854**, 126. **855**, 299. **856**, 125. **857**, 127. **858**, 126. **859**, 126. **860**, 117. **861**, 127. **862**, 125. **867**, 276. **875**, 111. **876**, 110. **877**, 141. **878**, 120. **880**, 105. **881**, 108.
Finkelstein, J.B. and Toby Marquez: Naval and Maritime Events: July 1970-December 1970 (NavRev) **819**, 333.
Naval and Maritime Events
January 1971-June 1971: **831**, 43.
July 1971-December 1971: **831**, 339.
January 1972-June 1972 (NavRev) **843**, 45.
July 1972-December 1972 (NavRev) **843**, 347.
January 1973-June 1973 (NavRev) **855**, 49.
July 1973-December 1973 (NavRev) **855**, 289.
January 1974-June 1974 (NavRev) **867**, 49. **873**, 80.
July 1974-December 1974. **867**, 263.
January 1975-June 1975 (NavRev) **879**, 49.
July 1975-December 1975 (NavRev) **879**, 245.
January 1976-June 1976 (NavRev) **891**, 49.
July 1976-December 1976 (NavRev) **891**, 243.
Finland **255**, 868. **345**, 1587.
Defense Strategy: Nordic Balance in the 1970s. A.L. Romaneski **846**, 32. **850**, 90.
Finland to Build Giant Icebreakers for Russia (Nbk) **814**, 106.
Finnish Icebreakers. Christian Landtman **792**, 73. **798**, 103, 104. **799**, 108.
Finland (SS): Struck by Torpedo **178**, 3030.
Finlay, Stuart: Sailing at the Naval Academy (ProfNote) **777**, 138.
Finley, H.F.: Feminine Point of View (anec) **679**, 81.
Finn, W.R.: Replenishment at Sea (anec) **629**, 749.
Finn, W.S.: Of Kangaroos and Doctors (anec) **728**, 81.
Finneran, P.J., Jr.: N.F.O.--No Longer U.F.O. **862**, 26.
Finney, E.C., Jr.: Meaning of Service (C&D) **747**, 116.
Finnigan, O.D., Jr. **604**, 685.
Book Review **864**, 89.
Fioravanzo, G. **589**, 323.
Italian Strategy in the Mediterranean, 1940-43: **667**, 65.
Japanese Military Mission to Italy in 1941: **635**, 24.
Fiore, L.R. **729**, 102.
MSTS--The Navy's Fourth Arm **654**, 868.
Fire-arrows: The Guerre explosive anti-airship fire arrow **150**, 505.
Fireboats
Automatic **84**, 750.
Miniature Fireboat Developed (ProfNote). W.F. Reynolds **801**, 148.
Fire Control
See also: Rangefinders and rangefinding; Spotting; Target practice.
Alterations of fire control arrangements in British vessels, 1914: **149**, 217.
Battle Rehearsals... Yates Stirling **121**, 49.
British Fire Control Arrangements, 1912: **144**, 1675.
British Fire Control Experiments, 1909: **132**, 1299.
Courage and Prudence **126**, 692.
Chester, C.M. **126**, 687.
Fiske, B.A. **125**, 277.
Dispersion and Accuracy of Fire **144**, 1605.
See: Craven, T.T.
Elliot, R.M. **145**, 356.
Glennon, J.H. **144**, 1605.
Knox, D.W. **145**, 355.
Long, B.A. **144**, 1601.
McLean, Ridley **144**, 1607.
Schuyler, G.L. **144**, 1611.
Van Auken, W.R. **144**, 1610.
Estimating Distances. W.H. Beehler **110**, 405.
Fire Control. W.S. Turpin **111**, 593.
Fire Control Arrangements in British Navy, 1912: **143**, 1153.
Fire Control Changes in HMS Lion **142**, 760.
Fire Control Lessons from Experiments Against Empress of India **149**, 255.
Fire Control--Research: New Helmet-Sight Aids Pilot's Firepower (Nbk) **764**, 169.
Fire Control Stations in German Ships, 1911: **137**, 310.
Firing Interval. P.R. Alger **127**, 1023.
German Fire Control Methods, 1912: **142**, 784.
Gun Firing from Fire Control Station **130**, 593.
Is Our Target Practice Equal to the Best? **151**, 887.
"Neptune" Experiment in Electric Control of Firing and Sighting, 1911: **137**, 309.
New Plotting Position in U.S. Navy, 1910: **136**, 1175.
Note on the Probability of Gunfire. A. Mazzuoli **126**, 663.
Question of Fire Control in British Ships, 1910: **135**, 898.
Scott Fire-Control System **138**, 653. **140**, 1450. **144**, 1677. **145**, 397. **146**, 877.
The Stadimeter in Fire Control **116**, 973.
Telephones for Noise Places **134**, 636.
USS Petrel First Ship to Use Fire Control from Aloft in Battle **130**, 424.
Value of Voice Pipes for Fire Control Communication (illus). Elliot Snow **173**, 1417.
Fire-extinguishers: Halley apparatus; description, illustration **149**, 269.
Firepower
Gun Gap and How to Close It. R.D. Heinl, Jr. **751**, 26. **755**, 112. **757**, 117.
Navy Speeds 'Gun Gap' Cure (Nbk) **745**, 136.
Small Craft Firepower in Vietnam (C&D). A.W. Wells **758**, 130.
Fireproofing Wood. C.J. Hexamer **90**, 449.
Fires
Banked **39**, 648.
Chemical Protection **211**, 1537. **235**, 1600.
Extinguishing electrical fires **235**, 1600.
Fires, Firefighting and Prevention
MSTSLANT Firefighting School (ProfNote). R.P. Kort **732**, 138.
Needed: An "Operational Requirement" for Fire Resistant Materials (ProfNote). J.K. Taussig, Jr. **871**, 102.
Fires in Ships
See also: Names of vessels.
Coal-bunker Fires **143**, 1170.
Fire Destroys SS Sebastian **173**, 1518.
Fire on the Japanese Mikasa **144**, 1660.
Fires on Board German Warships, 1915: **157**, 922.
French Jeanne d'Arc Fire at Sea **145**, 371.
USS Roe Catches Fire **173**, 1623.
Firing and Regulations of Arms... Col. N. Saboudski, Russian Army. (Rev. by J.B. Bernadou **88**, 807.
Firing High Explosives from Great Guns, The. A.S. Barker **39**, 547.
Firing Interval. C.B. McVey **97**, 71.
Firing Key, Hand. C.E. Munroe **47**, 775.
Firing on Board Ship, Electric. Stokely Morgan **72**, 783.
Firing, Physical Effects on Crews **107**, 745. **112**, 880. **120**, 1320.
First Aid to the Injured, and Transportation of the Wounded. Six Lextures Delivered at Naval Academy. H.G. Beyer **63**, 343.
First Element of Training for War. R.E. Krause **340**, 776. **343**, 1253. **344**, 1399. **346**, 1702.
First Endorsement: Forwarded. F. Lee **407**, 62.
First Lieutenant **360**, 167, 268. **362**, 569. **364**, 808. **370**, 1795.
Duties and Responsibilities of. T.A. Kearney **190**, 2749.
Liability to Ship. C.J. Heath **500**, 1235. **505**, 323.
Relic of Days of Sail. W.C. Abhau **458**, 506. **461**, 1009. **464**, 1463.
"Firsts"
1975 Coast Guard Highlights (Nbk) **877**, 137.
They Sailed to the Flying Boat's Future. W.B. Murphy **753**, 82. **757**, 123.
First U.S. armed vessel: The Navy's First "Lady" (OldNav). W.L. Dike **856**, 84.
First Woman Chaplain: Lieutenant Florence Pohlman, USN--October 1974 Cover.
Fiscal Policy, Bureau of the Budget and Defense. D.G. Gumz **674**, 80.
Fischer, A.O. (artist): "To the Rescue"--January 1972 Cover.
Fischer, C.F., II: Damage Control: Before, Not After **830**, 44. **836**, 94. **838**, 93.
Fischer, H.C.: Lest Essence Be Lost **386**, 527.
Fischer, W.L.: Design of the Great Airships (ProfNote) **780**, 126. **784**, 116, 117.
Fish Can Be International. E.W. Allen **644**, 1066.
Fish Commission, U.S.: Z.L. Tanner **73**, 107.
Fish, Poisonous **578**, 424. **593**, 792.
Fisher, A.: Selective Recruiting for Naval Reserve **438**, 1161.
Fisher, C.W. **272**, 1964.
Administrative Changes in Navy Department **265**, 357, 455. **266**, 604. **270**, 1489-94. **271**, 1727.
Amalgamation Bill **244**, 919. **245**, 1157-69. **246**, 1326-37.
Industrial Organization of Navy Yards **231**, 761. **235**, 1539.
Log of the Constitution, Feb. 21-24, 1815, Capture of the Cyane and

the Levant **168**, 227.
The Navy Yard Spirit **177**, 2495.
Fisher, C.W.
Ounce of Prevention, or Art of Bilge Diving **364**, 808, 947.
Refresher Training (C&D) **789**, 116.
Fisher, E.C.
Canadian Coast Guard (ProfNote). E.C. Fisher **734**, 141.
German Naval Aviation (ProfNote) **746**, 136.
Naval Development on the Dark Continent (ProfNote) **709**, 134.
Statens Sjöhistoriska Museum (ProfNote) **743**, 129.
Fisher, E.C., Jr.
A Look at the Nikolaev (ProfNote) **853**, 116. **856**, 99. **857**, 96, 97. **860**, 92, 94.
Soviet Central Naval Museum (ProfNote) **767**, 128.
Fisher, G.J.B.
Bunau-Varilla, Protagonist of Panama **359**, 111. **367**, 1313, 1384. **370**, 1826.
Dardanelles Question **373**, 400. **375**, 732.
Diplomatic Aspects of the Nicaraguan Canal **327**, 381.
Naval Tactics for Land Warfare **403**, 1295.
Fisher, J.A. **342**, 1060. **343**, 1195. **346**, 1633, 1723.
Admiral Sir John Fisher: Reappraisal. A.J. Marder **469**, 317. **471**, 703.
Fisher and His Warships. F.G. Percival **438**, 1097. **443**, 97. **444**, 307.
Fisher and the Genesis of the Dreadnought. A.J. Marder **646**, 1309.
Papers: Impressions of Nelson. A.J. Marder **545**, 843.
Portrait of a Madcap Admiral. H.A. DeWeerd **342**, 1060.
Portrait of Progressive: Lord Fisher, Admiral of Fleet. B.S. Custer **529**, 255.
Some Facts about Fisher and His Warships. R. Bacon **445**, 392.
Fisher, J.O. **247**, 1592.
Amalgamation and Specialists vs. Corps **222**, 1209. **229**, 440.
Rational Amendment to Methods of Promotion and Elimination **208**, 857.
We, the People, and Treaty Powers of Government **229**, 403.
Fisher, R.D. **716**, 107. **726**, 104.
Diving on Wreck of Texas Tower No. 4 (C&D) **732**, 112.
Fisher, Sir John **839**, 74, 75, 77, 78, 79, 80.
Fisher, Sir John A.--1st Baron Pollen, Arthur. Lord Fisher and the Admiralty **170**, 780.
Sketch of Career **155**, 187.
Fisher, W.G. **534**, 977.
Fisher-Beresford Controversy. H.A. DeWeerd **342**, 1060. **346**, 1633.
Fisheries
Code of Conduct for the Fishing Grounds. L.A. White **745**, 76.
The Economics of a 200-Mile Fisheries Zone. R.J. Slye **888**, 35.
Fisheries Law Enforcement, The Coast Guard and. E.R. Fidell **877**, 70.
The Law and Fishery Enforcement on the High Seas (ProfNote). E.R. Fidell **869**, 95.
Pacific Coast Tuna Fleet. J.H. Johnson **736**, 56.
Territorial Sea: A Wider View (ProfNote). G.B. Cooper **854**, 113. **858**, 84.
Trends in World and Domestic Fisheries. J.H. Johnson **820**, 25.
Fisherman Off the Capes. Walter Dear, II: **632**, 1128.
Fisher's Folly--the Fabulous Furious Douglas Stuart Jordan **628**, 667.
Fishing
Closed Ice Box of East Siberia. H.W. Edwards **701**, 54. **705**, 110, 111.
Fishing Fleet and Fisheries of Peru (ProfNote). Alberto Jimenez **730**, 148. **736**, 116.
Fishing Fleet of the Soviet Union. B.M. Kassell **705**, 70. **709**, 102. **712**, 113. **716**, 112.
Freedom of the Seas for Fishing. W.R. Neblett **672**, 85.
More Fun Than Fury in Fish War. Frank Goldsworthy **696**, 58.
Pacific Coast Tuna Fleet. J.H. Johnson **736**, 56.
Russia: Soviets Cast for Shrimp Down Under (Nbk) **789**, 160.
Subsidy Approved for U.S. Fishing Fleet (Nbk) **741**, 149.
University Course for Fishermen (Nbk) **774**, 155.
Who Will Own the Ocean's Wealth? W.J. Cromie **743**, 52. **748**, 120.
Fishing Industry
The Fishing Fleet and Soviet Strategy. R.T. Ackley **869**, 30.
New England Fisherman--Imperiled Species. W.T. Rogerson, Jr. **850**, 44.
"No Contest on the Fishing Grounds (Comparison of U.S. and Soviet) A.L. Lonsdale **785**, 62. **789**, 115.
Present and Future of the West Coast Fishing Industries (NavRev). R.H. Philips **855**, 190.
Soviet Fishing Fleet, Designed to Sweep the Seas (Pict) **813**, 58.
Soviet Union's Far-Flung Nets. Russell Oetting **813**, 48. **824**, 97.
Fishing Vessels
Fishing Boats and Their Gear. C.H. Blair **729**, 58. **737**, 112.
Fishing Vessels Around the World (Pict). D.L. Alverson **695**, 98.
Minesweeping/Fishing Vessel (ProfNote). H.A. Chatterton **808**, 121. **812**, 82. **817**, 91.
Poland Builds Most Fishing Vessels (Nbk) **802**, 159.
Soviet Fishing Fleet, Designed to Sweep the Seas (Pict) **813**, 58.
Soviet Union's Far-Flung Nets. Russell Oetting **813**, 48. **824**, 97.
Fiske, B.A. **211**, 1485. **230**, 635. **320**, 921. **333**, 1031. **377**, 1033. **383**, 147.
Admiral Dewey: An Appreciation **169**, 443.
Air Power **174**, 1701.
1913-43: **471**, 686.
American Naval Policy **113**, 1, 79.
Battleplanes **171**, 1052.
Civil and Military Authority **117**, 127.
Compromiseless Ships **115**, 549.
Courage and Prudence **125**, 277.
A Curious Fact About Spotting **128**, 1297.
Diplomatic Responsibility of the U.S. Navy **151**, 799.
Disarmament and Foreign Trade **224**, 1539.
Effectiveness of Skill **155**, 67.
Electricity in Naval Life **78**, 323.
A Fair Basis for Competition in Battle Practice **128**, 1189.
Fiske Semaphore System, (illus) **107**, 679.
Fleet Telephony, 1907: **121**, 241.
Future of the Torpedo Plane **179**, 137.
The Horizometer **119**, 1043.
Importance of Philippines and Guam **225**, 1676.
Incorrect Adjustment of Rangefinders **136**, 1069.
Invention and Development of the Telescopic Sight **130**, 405.
I Say Again (anec) **793**, 35.
Letter regarding Hammond system of radio control **176**, 2378.
Letter to A.R. Hawley urging preparation for aerial attack on German bases **174**, 1811.
A Little Useful Change in the Pelorus **98**, 371.
Mean Point of Impact **143**, 1001.
Naval Power **139**, 683.
The Naval Profession **122**, 475.
Naval Strategy **162**, 387.
Naval Telescope and Mount (illus) **107**, 699.
Navigating without horizon **123**, 955.
Navy and Marine memorial **253**, 386.
On "Amalgamation a Failure?" **117**, 308.
On Automobile Torpedoes **108**, 911.
On "Dispersion and Accuracy of Fire" **144**, 1605.
On elements of fleet tactics **118**, 676.
On the fleet and its personnel **110**, 422.
On "the great lesson from Nelson for today." **151**, 816.
On "hints on naval tactics." **125**, 43.
On the nation's defense... **126**, 425.
On Navy Department Administration **146**, 501.
On the role of doctrine in naval warfare **156**, 355.
On Signals **104**, 939. **105**, 221.
Opinion of U.S. Navy as shown in testimony before House Committee on naval affairs, 1914: **156**, 553.
Paramount duty of the army and navy **152**, 1073.
Relative importance of the turret and the telescopic sight **142**, 595.
The Roosevelt Memorial **198**, 1303.
Sight Bar Range **129**, 113.
Simple Electric Steering Gear **129**, 263.
The Stadimeter in Fire Control **116**, 973.
Stephen B. Luce: An Appreciation **175**, 1935.
Strategy, Tactics, Logistics and Invention **178**, 2793.
Suggestion about charts **136**, 1071.
To adjust range finders before battle **127**, 1043.
To find the fleet speed and corresponding revolutions **127**, 1045.
To find tactical curves **130**, 561.
Torpedo Plane and Bomber **235**, 1473.
United States Naval Institute **192**, 197.
An unprecedented rescue **136**, 957.
Warfare of Future **216**, 157.
War Signals **108**, 931.
What the Visit of the U-53 Portends to the U.S. **166**, 2038.
Why Togo Won **116**, 807.
Fiske, C.O. **688**, 124. **723**, 124.
and Mrs. C.O. Fiske: Territorial Claims in the Antarctic **671**, 82.
Book Reviews **818**, 97. **827**, 95.
White-Out--A Polar Weather Phenomenon **643**, 955.
Fiske, L.S.: Naval Rhodes Scholar **326**, 328.
Fiske Electric Position-finder **62**, 310.
Fiske's Position-Finder **67**, 314.
Fitch, H.L. **695**, 115. **703**, 114.
Analysis of Sound (ProfNote) **698**, 133. **703**, 111.
Let's Make the E Stand for Excellent (ProfNote) **690**, 138.
Fitness Reports **707**, 121.
A Business-Machine Fitness-Report System (ProfNote). F.S. Craven **720**, 144. **724**, 117.
The Current Fitness Report: Howgozit? (ProfNote). W.T. Pendley **889**, 101. **893**, 90, **894**, 66. **895**, 81. **896**, 71.
Fitness Reports and Selection. J.S. Holtwick, Jr. **401**, 964.
Mahan--Mariner or Misfit? Robert Brent **758**, 92.
Marking Fitness Reports. R.B. Henry **383**, 80. **388**, 858.
Military Evaluation Systems (ProfNote). A.C. Smith, Jr. **810**, 125.
Naval Officer's Fitness Report. I.C. Kidd **649**, 278.

Fitness Reports (Cont.)
Navy's Fitness Report System. M.W. Cagle 533, 779. 538, 1503. 546, 1024.
New Fitness Report 724, 116. 729, 104.
New Way for Officer Fitness Reports (C&D). D.R. Ayres 778, 108. 783, 113. 787, 114. 789, 110.
Officer Appraisal in the Armed Forces. H.L. Jones, J.L. Keating, and George Postich 746, 76. 750, 114, 115, 116, 117. 754, 113.
Survival of the Fittest: Five Years Later. W.W. Turkington 884, 58. 887, 78, 79. 888, 73. 890, 86.
System for Rating Officers. G.T. Rude 463, 1263. 474, 1155.
Fitrell, S.J.: Mission Versus Tradition (ProfNote) 829, 120.
Fitting Out. H.J. Wright 391, 1284. 397, 409.
Fitts, M.L.: Naval Medical Research Units (ProfNote) 760, 145.
Fitzgerald, C. 446, 617.
Fitzgerald, C.C.P.: The Imperial Japanese Navy 94, 372.
Fitzgerald, E.F.
Gas! Is Your Ship Ready? (ProfNote) 704, 145.
Open House--Failure or Success? (ProfNote) 706, 132.
Fitzgerald, K.B. 582, 883.
Merchant Officer's Place in Naval World 444, 224. 447, 719. 453, 1631.
Fitzhugh, C.H.: Letter from Admiral Mahan 347, 149.
Fitzpatrick, J.C. 302, 305.
Fiume, Dalmatia 201, 1942. 249, 1946. 250, 2123. 254, 680.
Fiume (It) 337, 402. 353, 1076.
Five-power Naval Conference 323, 72. 327, 461.
Flag, They Landed to Lower the (OldNav). B.C. Nalty and T.R. Strobridge 825, 62.
Flag and General Officers of the Naval Services (NavRev) 819, 299. 831, 281.
Flag and General Officers of the Naval Services as of 1 January 1973 (NavRev) 843, 311.
Flag and General Officers of the Naval Services as of 1 January 1974 (NavRev) 855, 253.
Flagg, Ernest: The New Naval Academy 92, 865.
Flag Lieutenant, General Notes on Duties Of. G.L. Caswell 469, 374.
Flag Officers of the Naval Services (NavRev) 807, 468.
Flags and Pennants
See also: Trophies and relics.
The Admiral's Flag, development of. 108, 993.
Adventures of Old Glory. W.E. Beard 289, 318. 293, 797.
American colors. C.M. Chester 228, 167.
Attention, to Colors! 634, 1379. 639, 541.
Austrian merchant 225, 1845.
British flag anomaly 583, 992. 589, 323.
British Jacks (ProfNote). A.G. Graham 661, 129.
Ceremonies at colors 405, 1624.
Church pennant 400, 930.
A.R. McCracken 330, 717.
Coast Guard Ensign, Sesquicentennial of. K. Bell 563, 55.
Decision of Russian national flag commission, 1912: 145, 389.
Development of the flag. In Bryan, H.F., review of R. Siegel. "Die flagge." 145, 419.
Dipping for salute 551, 100.
Early marine signals. H.M. Chapin 297, 1191.
English ensigns 344, 1449.
Etiquette 400, 922. 444, 255.
The Flag of the Chesapeake: a plea for the banner of fifteen stripes W.F. Halsey 146, 781.
Flags, An Error in (OldNav). C.H. Jenrich 779, 138.
Genesis [of saluting flag] (OldNav). E.K. Thompson 876, 70.
Homeward-Bound Pennant 701, 100.
"...Long Has it Waved on High." B.W. Norris and T.R. Strobridge 859, 40. C&D: 866, 83.
Naval Academy Museum 511, 1018.
Naval Reserve, on Texan 349, 437.
Of Honor 337, 365.
Old Glory on Eiffel Tower 291, 586.
Old Glory on Wake Island. E.D. Taussig 388, 807.
One or the other. W.F. Krafft 321, 974.
Our national flag: its development and sentiment...in its use. W.F. Halsey 143, 879.
Pennants: Origin 311, 16. 316, 529. 330, 717.
President Polk's order for Naval Academy display 511, 1014. 518, 85.
Salutes, Early, to American 382, 1801. 396, 249.
Saluting 311, 14.
Signaling in English Marine Art. H.P. Mead 654, 837.
Some Unpublished History of Old Glory. L.C. Dunn 389, 965. 395, 99.
States and territories, Naval Academy 420, 304.
U.S. Navy Flag (full color insert) 679, 97.
U.S. Shipping Board house flag, illus. 176, 2345.
Vandalia's saved by woman 295, 1045.
Flag-of-Convenience Ships
Flagging the Unsafe Liberian Flag Ships (ProfNote). J.W. McCurdy 892, 102.
Supreme Court May Lessen Use of. (Nbk) 811, 101.
Flags of Necessity
American Committee for (ACFN). U.S. Tanker Fleet Growth Is Predicted by New ACFN Study (Nbk) 847, 122.
SS Naess Voyager--Flag of Convenience Ship (ProfNote). J.D. Hayes 764, 157. 771, 118, 119. 775, 109.
Flags of Whose Convenience? J.J. Clark 788, 50. 791, 108, 110. 794, 109. 796, 101. 797, 116. 802, 120.
Flagstaff (U.S.): Two Birds in the Hand. K.M. Duff 799, 60. 805, 90. 809, 109.
Flaherty, C.F.: ASW--Are We Missing the Boat? (C&D) 756, 112. 758, 133. 760, 118, 119. 766, 135, 136.
Flammer, P.M.: The Military Critic 841, 28. 845, 83. 846, 97. 850, 85.
Flandres (SS): Sunk by mine 183, 1150.
Flanigan, H.A.: Chemical Warfare 398, 497. 403, 1320.
Flannagan, E.M., Jr. 693, 119. 712, 118. 713, 124. 714, 116.
Flannery, Sir F.: Liquid fuel for ships 102, 437.
Flare-back: See: Guns (ordnance), accidents.
Flather, J.P.: Food for Astronauts (anec) 717, 83.
Flechettes in Vietnam, Army Using Small, Deadly (Nbk) 806, 128.
Fleet, The.
Fleet Admirals 632, 1159.
Fleet Air Defense--Vital New Role of the Cruiser. R.S. Benson 664, 47.
Fleet and Marines. E.W. Broadbent 337, 369.
Fleet command center: Fleet Commanders: Afloat or Ashore? Ray Peet and M.E. Melich 880, 25.
Fleet, The Composition of the. J.M. Ellicott 79, 537.
Fleet, Disposition and Employment of the. R.C. Smith 58, 121.
Fleet Drill, Points Suggested by. F.K. Hill 76, 741.
Fleet Entering Golden Gate in 1908: See: Cover pictures.
Greatest need of the Atlantic Fleet. H.E. Yarnell 145, 1.
Marine Force
R.B. Asprey 678, 41.
J.H. Russell 404, 1408.
Birth of FMF. J.H. Russell 515, 49.
Pacific: View from FMF Pac of Logistics in the Western Pacific, 1965-1971 (NavRev). J.B. Soper 831, 222.
Modernization, Necessity for: The Frustration Factor. F.D. Shemanski 818, 27. 823, 91. 829, 110. 830, 95.
Naval Reserve vs. Retirement. D.A. Frost 400, 809.
Observations, From the Fleet (C&D) 875, 75. 878, 86.
Organization of the Fleet
Administrative, tactical, for war: John Hood 135, 825.
For war. R.E. Ingersoll 148, 1379.
Power of Fleet. H.C. Ladge 332, 925.
Replacement Aircraft Maintenance Personnel: FRAMP Training (C&D) 811, 94.
Reserve Association. J.D. Harrington and W.J. Miller 638, 369.
Requirements of a battle fleet 160, 2085.
Support, Fleet: Naval Material Command Supplies Everything but People. I.C. Kidd, Jr. 870, 66.
Systematic preparations for battle. J.G. Quinby 122, 643.
Tactics. R. Wainwright 52, 65.
Training Center: Newport/Quonset Point Naval Complex (Pict) 803, 85.
U.S. Fleet Organization, Feb. 1919: 198, 1429.
U.S. Pacific Fleet, 1919: 199, 1627.
Weather Centrals: Outranked, Outflanked, But Not Outranged! W.J. Kotsch 754, 78.
What should be the relations between the battle fleet and the reserve fleet? W.S. Sims 151, 727.
Fleet, J.P. (BkRev) 751, 123.
Joint author: See also: G.W. Jewett, Jr.
Measure of a Harbor (ProfNote) 738, 140.
Fleet Reviews
British Coronation Naval Review (Pict) 608, 211.
Coronation reviews 612, 211.
Dewey's Squadron, North River, N.Y. 370, 1826.
New York City, 1934: 376, 881. 377, 1010. 378, 1155.
Well Done, Navy! 383, 31.
Fleets of the World. S.B. Luce 3, 5.
Fleets of the World, The: 1900: 93, 192.
The Sail Period. F.A. Parker 14, 313.
Fleming, A.: Television, present and future 327, 447.
Fleming, J.A.: On electric wave telegraphy 124, 1545.
Fleming, R.T.: Art and Science of Navigation (C&D) 755, 112.
Flenniken, C.W., Jr.: Notice to Mariners of the Great Lakes (anec) 681, 38.
Flenniken, J.A.: Answer in the Affirmative (anec) 636, 169.
Fletcher, F.F.
See also: Von Berchem, B.
Admiral Fletcher's argument against promotion by selection 162, 597.
Range Lights on Seagoing Ships 39, 463.
War-time control of industry 246, 1237.
Fletcher, H.G. 705, 112.
Fletcher, L.C.
Clearing Channel (anec) 620, 1111.

Local Hero (anec) **651**, 522.
Understand the Hungry Ones **626**, 419.
Fletcher, Patrick: Signal code (USS George Washington **143**, 1042.
Fletcher, W.B. **521**, 969.
Captain Whiting's Pig (anec) **551**, 37.
Little Matter of "Colors" (anec) **552**, 167.
Mr. Beatty's Beer (anec) **550**, 1489.
Wardroom Mess Repartee (anec) **552**, 177.
Flettner, Anton: See: John Bunker. Ship That Sailed Without Sails.
Fliegel, R.A.
Authority: the Weakened Link (Dean) (C&D) **833**, 104.
Leadership: Above and Beyond Management (Leadership Forum) **887**, 72.
The Most Enjoyable Non-Career-Enchancing Billet in the Navy **892**, 40. **895**, 81.
Worlds Apart (Edelstein) (C&D) **847**, 82.
Flight operations: Communications Afloat: A Need for Modern Design (ProfNote). G.J. Borden **851**, 97.
Flight Records
A-7 Makes Record Flight to France (Nbk) **776**, 140.
New U.S.-to-Paris Flight Records Set (Nbk) **775**, 149.
Flight Simulators, Synthetic (C&D) **857**, 100.
Flirt (USS) **283**, 1709.
Floating Crane: "Yo-Yo" Crane Helps in High Seas (Nbk) **742**, 160.
Floating Drydocks: ARD-1, the Pioneer. John Alden **773**, 70.
Floating Instrument Platform (FLIP): Three-Point Anchoring in the Deep Ocean (ProfNote). E.D. Bronson **864**, 100.
Float-on/Float-off ships: Float-On Vessel Planned for Lykes (Nbk) **745**, 138.
Flogging **422**, 512.
Caning in British Navy, 1907: **132**, 1286.
in British Navy **100**, 447.
in Navy. H.F. Krafft **313**, 270.
in United States Navy. L.F.S. Horan **571**, 969.
Naval Administration, 1842-1861. C.O. Paullin **124**, 1461.
Flood, D.J.
Canals and Channels: A Look Ahead (C&D) **779**, 109.
Prognosis for the Panama Canal (C&D) **736**, 113.
A Southwest Passage? (Gibbs) (C&D) **799**, 118.
Floods
Connecticut River: Water Rises. H.A. Rochester **408**, 215.
Naval aviators relieve flood victims. G.S. Rentz **318**, 690.
Ohio River. R.J. Toner **426**, 1162.
Florence H. (SS): Destroyed by explosion **184**, 1374.
Florida (Confed.) **341**, 878. **349**, 396. **352**, 834. **354**, 1199.
Florida (CSS): The confederate cruiser Florida. J.M. Morgan **165**, 1581.
Florida
Dry Tortugas. S.H. Kinney **566**, 425.
Indian Key Massacre (OldNav). D.A. Dye, Jr. **861**, 74. C&D: **865**, 75.
Negro Fort: Forgotten Fight in Florida. D.W. Knox **398**, 507.
Florida (U.S.) **333**, 1063. **339**, 632. **348**, 289.
See also: Old Navy.
Launched **101**, 133.
Florida (USS)
Illustration **146**, 435.
with Utah and Oklahoma **172**, 1113.
Launched; description **134**, 622. **135**, 893.
Ships of the U.S. Navy, illus. R.W. Neeser **159**, 1625.
Florinsky, Michael J.: Russia: A History and an Interpretation **625**, 342.
Flotation, Navy Applies New Rigid Foam For Additional (Nbk) **805**, 125.
Flotilla Flagship. I. Jacobs **512**, 1219.
Flottinger transmission gear: Description **133**, 293.
Fluckey, E.B. **649**, 334. **667**, 110. **676**, 123. **690**, 119.
Fluharty, D.H.: Oil and the Beneficial Uses of Water (ProfNote) **857**, 112.
Fluid drive for Ships **261**, 1902.
Flume question **196**, 1073.
Flusser, Charles W.: Lion-hearted Flusser; a naval hero of the Civil War. C.W. Stewart **114**, 275.
Flying, some physical aspects. R.G. Davis **269**, 1225.
Flying Bomb: Navy's Secret Weapon Circa 1918 (OldNav). R.H. Rankin **722**, 158.
Flying Cloud (U.S.)
See also: Cover pictures.
Clipper: **271**, 1819. C&D: **775**, 111.
Flying-deck cruisers **455**, 73.
Flying Fish (U.S.) **473**, 967.
Log. H.D. Norman **433**, 363.
Flying over Polar Sea. R.E. Byrd **270**, 1319.
Flying paymasters. G. Richards **318**, 685.
Flynn, J.J.: Navy Social Calls (C&D) **864**, 85. **868**, 83, 84. **871**, 80.
Flynn, J.V.: Panay Incident: Prelude to Pearl Harbor (C&D) **783**, 111.
Flynn, P.A.
The Influence of Medical Considerations on Modern Naval Warfare (NavRev) **891**, 170.
Navy Medicine, A New Prescription **816**, 42. **820**, 92. **821**, 96. **824**, 96. **830**, 99.
State of Health of Navy Medicine **834**, 45.
Flynn, R.W.: Time to Change (Frasier) (C&D) **828**, 106.
Flynn, S.E.: History of San Clemente Island **476**, 1417.
Flynn, T.E.
Etajima, Japanese Naval Academy **490**, 1597.
French as She Is Spoken (anec) **538**, 1483.
Flynn, W.J.: Unfaced Challenge, Submarine Versus Free World (C&D) **738**, 112.
Foard, T.R.: Digital DSOT--A New Method of Operability Testing (ProfNote) **793**, 143.
Foch (Fr) **328**, 546. **337**, 401. **350**, 615. **352**, 924.
Focht, C.A.
Commemorative embroidery; cruise of USS Cincinnati (C-7)--July 1976 Cover.
Remembrance of My Cruise (Pict) **786**, 88. **790**, 109. **804**, 94.
Fog
Acoustic aids to navigation. C.G. McDowell **204**, 231.
Beacons **300**, 156. **338**, 554.
Close Call. A. Gleaves **286**, 2470.
Dispersal by electricity **242**, 698.
Foggy hours, 1885-1915: **163**, 956.
Law in Fog. R.F. Farwell **376**, 784, 833. **380**, 1429.
Marine **240**, 352. **250**, 2104.
Modern fog navigation. A.N. Offley **313**, 200.
New artificial **350**, 617.
Oil Not a Fog Preventive **166**, 2003.
Preventing Fog with Oil **160**, 2046.
Signal Stations in U.S. **264**, 335.
Speed in Fog. R.M. Slack **677**, 77.
Studies of Marine Fog **163**, 956.
Fog Signals **201**, 1924. **204**, 231. **224**, 1647. **264**, 335. **334**, 1137.
See also: Submarine signalling.
Abberation of a Sound Signal **182**, 857.
Acoustic efficiency of fog signal machinery **175**, 2006.
Automatic fog-signalling gun, illus **151**, 904.
Communications in a fog **152**, 1237.
Fleet telephony, 1907. B.A. Fiske **121**, 241.
Fog signals by radio. In Bullard, W.H.G., Naval radio **150**, 458.
Fog signals by wireless **154**, 1827.
Lessons of certain fog collisions **152**, 1236.
New system of sound signals in fog. E.J. Marquart **155**, 131.
On a new system of sound signals in fog. E. Farwell **157**, 910.
Radio fog signals, 1913: **149**, 261.
Signalling at sea (in fog) **162**, 601.
Fogerty, W.K.
Skimmer Ops (Ebersole) (C&D) **862**, 88.
Fogg, R.S.: Air Spot (anec) **685**, 54.
Fogg (U.S.): Stormy Romance of the "Pickleboat". P.B. Yeager **741**, 66.
Fokker F27 Maritime: New Maritime Role for Dutch Aircraft (ProfNote). J.D. Ferguson **898**, 101.
Foley, H.J.P., Jr.: Puget Sound--Navy's "New Frontier" (C&D) **736**, 122.
Foley, P.
Filing system for the Navy **139**, 737.
The Naval Academy practice cruise **133**, 239.
Naval Research Laboratory **272**, 1925.
Notes on the oversea transport of men **138**, 495.
Petroleum problems of world war **261**, 1802.
Torpedo service of today and tomorrow **130**, 513.
Foley, Paul, comp.: Practical steam engineering: 21 days in the engine room **124**, 1560.
Folger, W.M.: On Recent Modifications of the Explosive Force of Gunpowder **7**, 99.
Folgore (It) **356**, 1527.
Folk, W.
This Selection Business **393**, 1612. **395**, 97. **396**, 251. **399**, 713.
Treasure Hunt in Reverse **409**, 380. **414**, 1167. **447**, 717.
Folk, W.P.
Basic education of officers **264**, 274. **266**, 611. **268**, 1016-21.
Confederate States Naval Academy **379**, 1235. **447**, 717.
How Navy brought Santa Claus to France **346**, 1664.
Uniforms that are and uniforms that aren't **340**, 745.
Folkstone (HMS) **326**, 340.
Followship. G.V. Stewart **483**, 631.
Folop, A.A. **654**, 893.
Folsom, S.B.: Korea--A Reflection From the Air **641**, 733.
Folz, A.F. **477**, 1614.
Fontaine, C.T.: It Was a Close Race (anec) **770**, 51.
Foody, Thomas: Meeting on Midway (anec) **634**, 1349.
Football: See: Naval Academy.
Foote, A.H. **329**, 637.
See also: Old Navy, Page from.
The Partnership. H.J. Maihafer **771**, 49.
Foote, E.J.: Turning Ellipse (ProfNote) **688**, 163.
Foote, P.W.
Engineering experience **246**, 1243.
Narrative of the President Lincoln **233**, 1073.
For honor of flag. E. Snow **346**, 1661, 1704.
For the Probationer--What? W.F. Frank **664**, 69.
Forbes, Alexander **663**, 111.
Interpolating instrument to expedite use of Aquino's tables **184**, 1279.
Forbes, R.B.
Devices for Lessening the Dangers at

Forbes, R.B. (Cont.)
Devices for Lessening the Dangers at Sea 14, 395.
Letter to W.A. Rogers on Safety in Navigation 18, 397.
Forbes, W.B. 359, 63.
Forbin (Fr. cruiser): Magazine explosion 136, 931.
Forced Combustion, J.E. Byrne 39, 637.
Forced Draught
J.C. Kafer 33, 334.
Closed Firerooms 38, 447.
Ford, H. 271, 1790.
Ford, H.E.: Procurement of Patents (ProfNote) 745, 133.
Ford, J.C., Jr.: Wet Paint (anec) 654, 901.
Ford, J.J. 779, 103.
Book Review 776, 114.
Case Against Contributory Retirement 730, 86.
Ford, J.K.: Radar Collisions and the Courts 854, 77.
Ford, L.R.
Meterology 155, 79.
Radio activity 154, 1767.
Ford, T.G.
American navigators of the colonial period and the Yankee midshipman 119, 861.
The dawn of navigation and its books, theories and instruments 117, 209.
Earliest English navigation, and first schools of warfare 118, 473.
Excerpt from "American Navigators of the Colonial Period and the Yankee Midshipman," Sept. 1906: 872, 51-56.
Ford, W.C.
and J.B. Stokes: Selection and Procurement of Better Candidate Material for Naval Academy 504, 131. Reprint 518, 19.
High Spot of Pacific 507, 551.
U.S. Merchant Marine and National Defense 657, 1178.
Fordham, B.W.
Ace of the Base (anec) 675, 63. Reprint 869, 23.
Situation Normal (anec) 670, 95. Reprint 884, 134.
Survival of Navy Medicine (Custis) (C&D) 862, 81.
Fordney, C.L.
See: When the Race for Space Began. J.G. Vaeth.
Fordonian (SS) 229, 475.
Forecast: Change. W.J. Kotsch 779, 69.
Foreign Affairs
Modern Realities in Naval and. H.C. Bucknell, III: 838, 32. 853, 91.
10th anniversary 358, 1815.
Foreign Languages
Language Training 678, 104.
Our Tongue-Tied Navy 677, 43.
Soviet Polyglots (ProfNote). C.P. Lemieux 710, 146.
"Sprachenecke" (ProfNote). C.P. Lemieux 703, 136.
Foreign Policy
and the Marine Corps. W.H. Parks 885, 18.
The Amphibious Force: A Ready Political Instrument. W.F. Mellin, Jr. 894, 40.
Com. China: "New" China Policy? E.B. Duffee, Jr. 821, 18. 826, 90. 832, 106, 107.
End of an Era. Roy Beavers 833, 18. 838, 92. 840, 92. 845, 93.
Japan's View of Korea. H.E. McCracken, Jr. 828, 41.
Olive Branch and Lightning Bolts. J.C. Ausland 801, 67.
Patient Courage Pays Off. W.H. Hessler 635, 9.
Role of the Services in Support of Foreign Policy (NavRev). J.F. Holloway, Jr. 879, 66.
The Trouble with Alliances... T.H. Etzold 889, 46. 895, 90.
Vital Interests and Volunteer Forces. L.P. Brooks 815, 18. 824, 91. 830, 103.
Where Do We Go From Here? J.E. Greenbacker 880, 18.
Foreign Policy (U.S.)
The Encircling Sea. J.J. Clark 793, 26. 799, 116, 117. 805, 91.
Red Star Over the Southern Sea. P.R. Schratz 808, 22.
U.S. Aid--and Independence (ProfNote). W.R. Thomas 806, 115.
Foreign Policy--U.S./Far East: Whither American Policy? (IntAff) 357, 1659.
Foreign Relations
Communist China and the United States--The First Step. H.G. Summers, Jr. 830, 54.
The Courting Season of 1903. F.X. Holbrook and John Nikol 874, 60.
Mission to Mecca: The Cruise of the Murphy. J.S. Keating 875, 54.
Modern Realities in Naval and Foreign Affairs (C&D) 847, 90, 92. 850, 94.
Secrecy in Government. R.L. Taylor 841, 72. 846, 94.
U.S./China: "New" China Policy? E.B. Duffee, Jr. 821, 18. 826, 90. 832, 106, 107.
U.S./Russia
1974. W.H. Bagley 804, 18. 809, 99, 100. 815, 88.
No More Vietnams? W.L. Beaulac 837, 18.
Fore River Shipbuilding Company
An interesting storehouse, illus. G.P. Dyer 174, 1713.
Fore River Plant 178, 2965.
Foresight (HMS): Trials 115, 716.
Forester, C.S. 579, 538.
Forgotten Firebrand. Gilbert Workman 787, 79. C&D: 792, 104.
Formanek, J.L.: Breaking the News Gently (anec) 710, 77.
Form H for destroyers. V.H. Godfrey 298, 1290.
Formidable (HMS): Loss of the. 156, 644.
Formosa
Battle off, Strategic Aspects of. S. Fukudome 598, 1285.
Japan's Southern Naval Bastion, J.K. Eyre, Jr. 481, 321.
Forms of government and efficiency for war. A.P. Niblack 211, 1399.
Formulas, Fetish of. Q. Smith 261, 1841. 789, 108.
Canadian Harbor Defense Forts 670, 121.
Harbor Defense Forts 680, 100.
Martello Towers 687, 101. 689, 97. 693,
Fornal, R.E.: Against All Enemies (Hanks) (C&D) 808, 100.
Forrestal, J.V. 621, 1275.
Forrestal, James, Fellowships in Naval History. E.B. Potter 563, 73. 569, 715.
Forrestal Fellowship first award 583, 1017.
Forrestal (U.S.)
See also: Cover Pictures--May 1956 and September 1961.
Jet Age Carrier (Pict). W.J. Aston 639, 529.
Forrest Sherman-class Destroyer: See also: Cover Pictures--January 1958.
Forster, G.F. 322, 1063. 334, 1132.
Building an Effective Naval Reserve 361, 387, 471.
Fort, G.H. 383, 99. 458, 556.
Fortifications
American Harbor Defense Forts (Pict). D.P. Kirchner 666, 93.
American Harbor Defenses: Final Era (Pict). D.P. Kirchner and E.R. Lewis 779, 84. 783, 106. 784, 114. 107, 108.
Modern fortification, 1916: 163, 963.
Some Practical Hints about. J.C. Little 37, 175.
Forts
Barrier Forts, Canton, China 423, 680.
Fort Fisher
Attack on, 1865. W.L. Rodgers 112, 737.
C.W. Stewart: William Barker Cushing. 142, 425.
Campaigns, 1864-1865. J.E. King 582, 843. 588, 197.
Volcano. W.E. Beard 354, 1151.
Fort Hindman, Arkansas, 1863: See: Cover Pictures.
Fort Jefferson, Dry Tortugas. S.H. Kinney 566, 425.
Fort Mifflin: See: Perry, J.M. Disaster on the Delaware.
Forts Donelson and Henry: The Partnership. H.J. Maihafer 771, 49.
Fort Slocum, N.Y.: The athletics and amusements office. P.D. Bunker 141, 141.
Fort Sumter, battle of: Operations against Charleston, 1862-1865. W.L. Rodgers 112, 719.
Frontier chain of France 352, 924.
Jackson, La. 372, 293.
Louisbourg, Capture of, in 1758. J.F. Shafroth 419, 78.
Louisburg, N.S. 347, 81.
Monocacy, Korea 393, 1624. 540, 197.
Negro Fort: Forgotten Fight in Florida. D.W. Knox 398, 507.
San Juan de Ulua under American Flag. F.E. McMillen 402, 1155. 432, 252.
Schuyler desired by N.Y. Nautical School 346, 1720.
Schuyler, N.Y. 435, 703.
Severn, Annapolis, Md. 340, 813, 815. 351, 642, 644, 646. 352, 847.
Strong, Boston, Mass. 353, 1068.
Fortune (periodical): Lodge (H.E.) article 332, 925.
Fortune, W.C.: Wet Navy and a Dry Navy? 708, 19. 712, 106, 108, 109. 714, 112.
Forum for the Navy: Sentinel for a Century: the Proceedings, the Navy and the Nation, 1873-1973. N.T. Kirk 848, 96.
Forward (HMS): First British fleet scout description 112, 852.
Forward (Pirate ship): Capture of the Forward BY USS Mohican 160, 2001.
For Your Information: Defense Documentation Center (DDC) 868, 72.
Fosberg, F.R. 598, 1377.
Foss, W.O. 551, 101. 553, 355.
North Atlantic Weather Stations 564, 171.
Task Force Research 552, 189.
USS Oregon: Pathfinder 546, 951. 580, 657.
Foster, Carol H.: Requirements for admission to the Naval Academy--an historical review 180, 339.
Foster, E.D.: Cafeteria Afloat 407, 19.
Foster, F.F.: The war's benefits 185, 1447.
Foster, P.F.: Landing at Veracruz: 1914 (BkRev) (C&D) 791, 103.
Foster, W.F.
Book Review 768, 125.
Military Communications-Electronics Board (C&D) 764, 132.
National Communications System (ProfNote) 746, 139.
Naval Aviator Speaks (ProfNote) 735, 140.
Naval Communicator--Specialist or Subspecialist? (C&D) 757, 120.
Foster, W.F. McN.: Air Power and applications 306, 696.
FOST Work-Up: Thursday Morning War

(ProfNote). R.J. Terhune **802**, 140.
Fothering. T.W. Sheridan **448**, 824.
Foucoult (FN) **201**, 1909.
Foudroyant (Eng.) **358**, 1747. **830**, 70, **842**, 91.
Fougueux (FN) **330**, 754.
Fouling
Cleaning ships' hulls by electricity, **179**, 134.
Coppered Bottoms for United States Navy, 1794-1803. M. Maurer **508**, 693.
Early anti-fouling methods **135**, 837.
History of Prevention of Fouling. F.B. Laidlaw **593**, 769. **600**, 204.
Machine for cleaning marine growth from ship's bottoms **125**, 377.
A naval ship's bottom paint, illus. H. Williams **138**, 513.
Submarine ship cleaning apparatus, illus. **151**, 906.
Foundries on our men-of-war. A.M. Charlton **262**, 2100.
Fourche (Fr. destroyer): Torpedoed **164**, 1365.
Four-Stackers, Reincarnation of (Pict). P.A. Chaplin **685**, 95. **690**, 111, 112, 113.
Fourth of July, An Unusual One at Aalborg (ProfNote). R.W. Stubbe **845**, 112.
Four Tigers of Chinese. A.G.C. Hallock **292**, 739.
Four-Year Rule for Fleet Athletics. J.E. Rucker **370**, 1759.
Fowey (HMS) **326**, 340. **334**, 1138. **345**, 1574.
Fowler, O.W., tr.: The U.S. Naval Academy from the viewpoint of a French officer **164**, 1219.
Fowler, W.M., Jr.: The Non-Volunteer Navy (OldNav) **858**, 74.
Fowlston, J.J.
Impossible? Submit a Job Order! (anec) **681**, 78.
Mail Buoy Lookout (anec) **615**, 537.
Old Dewey (anec) **587**, 21.
Fox, A.C.: Ho! Ho! Ho! (anec) **838**, 57.
Fox, E.M.: Non-inflammable Wood **92**, 954.
Fox, F.H.: Losing Altitude Fast (anec) **658**, 1297.
Fox, G.V. **425**, 1028. **841**, 80, 82.
Captain Fox--He Is the Navy Department. J.D. Hayes **751**, 64. **758**, 134.
Fox's Mission to Russia. L.J. Gulliver **477**, 1519.
Navy and Press During Civil War. R. West **407**, 33. **411**, 709.
(Private and Confidential) My Dear Fox--. R. West **411**, 694.
Fox, R.B.: Doing What Comes Naturally (anec) **717**, 69.
Fox, R.C. **701**, 100.
Fox, R.V.: Affirmative Answer (anec) **679**, 37.
Fox, S.M., 3d: French Fleet in This War **474**, 1091.
Fox, W., Jr.
Aviator's Greens...and Blues (anec) **607**, 979.
One Blast, Mr. Newly! (anec) **602**, 427.
Foxardo affair: See: Porter, David.
Fozard, John: Wind, Sea Power and Jet V/STOL (ProfNote) **895**, 109.
Fraccaroli, Aldo **568**, 679. **588**, 199. **595**, 1026. **596**, 1143. **681**, 104.
Frahm anti-rolling tanks: Description **146**, 886.
Fram: See: Nansen's Fram.
FRAM (Fleet Rehabilitation and Modernization): See: Shipbuilding.
France
Anglo-French entente **355**, 1357.
Arms **343**, 1283. **345**, 1568. **346**, 1721.
Army **201**, 1909. **202**, 2067. **203**, 98. **252**, 280. **351**, 769.
Assassinations **353**. 1056.
Belgian alliance opposed **336**, 275.
Brest, Naval school **201**, 1908.
Briand, A. **349**, 447. **351**, 754.
Bulgarian army discussed **349**, 436.
Cabinet changes **311**, 74. **322**, 1091. **323**, 79. **326**, 357. **331**, 874. **336**, 275. **337**, 417. **341**, 987. **349**, 447. **352**, 907. **353**, 1057. **354**, 1207.
Cherbourg: Deep-water ceremony **352**, 933.
Churchill and Anvil **675**, 105.
Coast defenses **214**, 2005. **341**, 975. **345**, 1574.
Colonies **206**, 611. **274**, 2410. **293**, 803.
Colonial possessions of France. A.P. Niblack **240**, 261.
Sale of France colonies. G. Leshartier **278**, 741.
Transfer of French colonies. D.W. Knox **278**, 743.
Commerce **226**, 1948. **228**, 279. **269**, 1264. **272**, 1980.
Controversy with Italy **325**, 252. **327**, 462. **329**, 664. **331**, 873. **333**, 1054. **334**, 1157. **336**, 275. **337**, 417. **338**, 557. **339**, 697. **340**, 843. **343**, 1262. **345**, 1569. **347**, 120, 131. **348**, 287. **350**, 615. **354**, 1224.
Debts **319**, 827. **324**, 168. **342**, 1128. **358**, 1811.
Defense
French coast defense organization **106**, 451.
French national defense, 1911: **139**, 1042.
Disarmament view **355**, 1373.
European grain conference **338**, 558.
Europe since armistice. J.M. Creighton **221**, 1037.
Evolution of Great Powers. H.R. Stevens **587**, 69.
Financial position **215**, 95.
Foreign relations **238**, 2150. **250**, 2122. **263**, 162. **274**, 2409. **328**, 565. **338**, 558. **343**, 1281.
United States Franco-American Naval Relations (ProfNote). C.L. Henn **752**, 136.
Forts, Frontier **352**, 924.
France Now Has A-Force (Nbk) **739**, 159.
France's Aéronavale (ProfNote). John Fricker **724**, 147.
France Seeks U.S. Nuclear Help (Nbk) **795**, 156.
France Tests Submarine Missile (Nbk) **800**, 158.
France to Build New Ships (Nbk) **796**, 157.
French finances, culture, etc. A.P. Niblack **241**, 435.
The French Marines (ProfNote). G.E. Thibault **781**, 136.
French Progress on a Nuclear Force (Nbk) **777**, 154.
Gas training **346**, 1711.
Germany **323**, 80. **330**, 772. **341**, 985. **343**, 1280. **345**, 1567. **349**, 431. **350**, 617.
Good-will visits **344**, 1429. **345**, 1587. **346**, 1728. **355**, 1373.
Historic parallel of interest. J.F. Dahlgren **352**, 890.
Industrial progress **279**, 955.
Iraq oil pipeline **338**, 559.
Le Havre, USNAAB. J.E. Arnold **528**, 127.
Limitation of armament **341**, 973. **346**, 1710.
Loan to Yugoslavia **341**, 987.
Lorient. W.E. Apgar **480**, 169.
MSTS Moves U.S. NATO Forces from France (ProfNote). Lamar Holt **776**, 128.
Mahan on arbitration **344**, 1410.
Manchoukuo: Loan to. **354**. 1223.
Marseilles canal **230**, 647.
Ministry of National Defense **351**, 767, 781. **352**, 925. **354**, 1224.
Moroccan Operation, Model. F.E. Evans **384**, 173.
Morocco, Campaign in. F.E. Evans **371**, 80.
Naval Academy **201**, 1908. **286**, 2557. **290**, 470. **343**, 1262.
Naval War College
See also: Luce, S.B. **135**, 689.
Daveluy, R., Doctrine. In "Naval Strategy" **133**, 187.
Naval War with France, Documents on. D.W. Knox **386**, 535.
New Aircraft Shown at Paris Air Show (ProfNote). J.D. Burlage **778**, 130.
New Oceanic Center for France (Nbk) **799**, 160.
Nice **361**, 317.
1917-1918, When the Marine Went to France (Pict) **777**, 86.
Operation Anvil-Dragoon
Executing. H.K. Hewitt **618**, 897.
Liberation of South of France, Aug. 1944 (Pict) **618**, 912.
Planning. H.K. Hewitt **617**, 731.
Paris: Defense against aircraft **350**, 617.
Peace meeting resented **347**, 142.
Poland: Military mission leaves **353**, 1074.
Political Trends in Former French Territories of Black Africa. C.H. Amme, Jr. **714**, 35.
Population **289**, 369.
Ports: Improvement **350**, 617.
Quasi-War with, Revenue Cutter in. R.W. Daly **478**, 1713.
Reparations discussed **350**, 599.
Russia **342**, 1130. **344**, 1413, 1429. **349**, 434, 436. **347**, 1661.
Steeg, T. **336**, 275. **337**, 417.
The Unknown Darlan. R. Brooks **630**, 879.
Vietnam...A New Type of War? M.E. Geneste **783**, 66.
War College **267**, 817. **290**, 472.
Was the Invasion of Southern France a Blunder? M. Matloff **665**, 35.
France--Administration
Administrative reforms, 1910: **134**, 598.
Change in French administrative system, 1905: **115**, 702.
Conseil d' Amiraute created, 1913: **149**, 200.
Ordnance Department created, 1909: **129**, 288.
Reorganization of French naval administration, 1908: **128**, 1321.
Stirling, Yates **146**, 473.
Submarine bureau created, 1917: **174**, 1772.
System of aids adopted, 1913: **148**, 1731.
Want of foresight in French Navy, 1909: **131**, 953.
France--Aeronautics
Aerial scouting experiments in France, 1911: **139**, 1043.
Aeronautics in France, 1912: **142**, 803.
Aeroplanes in French maneuvers, 1911: **140**, 1475.
Expenditure for aviation, 1910-1911: **138**, 667.
French airship Spiess, 1913, description **149**, 264.
French expenditures for aeronautics, 1913: **149**, 266.
French naval aviation in 1910: **136**, 1154.
Plan of Proposed aerial mail routes, 1919: **194**, 643.
France--Naval History
Conquest of territory overseas. R. Daveluy **127**, 957.
Preparation in peace and success in war. W.H. Beehler, Tr. **143**, 893.
Study of Naval Strategy **131**, 903. **132**, 1057. **133**, 126. **134**, 393.
War on the Sea. G. Darrieus **125**, 97. **126**, 427.
France--Naval Policy

France--Naval Policy (Cont.)
French naval policy, 1919: **199**, 1615.
Two-power standard in the Mediterranean **143**, 1113.
France--Navy
See also: Navies (For comparative statistics.
Anglo-French Seaborne Deterrent (ProfNote). B.B. Schofield **850**, 107.
Battleship strength of the French Navy in 1914: **153**, 1484.
Compared to foreign **350**, 615.
Construction **238**, 2149. **239**, 140. **241**, 487. **245**, 1182. **247**, 1500. **251**, 105. **262**, 2074. **284**, 2088. **288**, 214. **301**, 237. **310**, 1092. **321**, 992. **325**, 243. **336**, 256. **337**, 401. **342**, 1110. **343**, 1262. **345**, 1562. **346**, 1707. **353**, 1074. **356**, 1524.
Distribution of French submarine, 1910: **133**, 270.
Force X: Gentlemen's Agreement. R. Brooks **593**, 701.
Free French forces **465**, 1664.
French dreadnought squadron in 1914: **151**, 830.
French Fleet in Being. R. De Belot **584**, 1057.
French Fleet in This War. S.M. Fox, 3d **474**, 1091.
French Marines (ProfNote). G.E. Thibault **781**, 136.
French Naval Academy (ProfNote). S.K. Moore **736**, 144.
French naval reserve. H.J. Ziegemeier **147**, 907.
French Naval War College (ProfNote). S.K. Moore **723**, 146.
French Navy at the close of the war **193**, 414.
French Navy at Dunkirk. Jacques Mordal **672**, 31.
French Navy Enters World War II. Paul Auphan **640**, 592.
French Navy, Future Plans (Nbk) **754**, 169.
French Navy in 1915: **155**, 290.
The French Navy: New raison d'être. F.E. Brezet **865**, 32.
The French Navy (1870-1890) (Pict). Henri Le Masson **814**, 58.
French Navy Yards in 1911: **137**, 282.
French Navy's First Landing Craft Transport (ProfNote). Henri LeMasson **765**, 152.
French Navy Under Steam (Pict) **617**, 793. **629**, 825.
French Polaris (ProfNote). G.J. Geiger **790**, 141.
French submarine bases, 1905: **113**, 202.
French Submarine Force. Claude Huan **756**, 42.
Haiphong Misunderstanding of March 6, 1946. André Jubelin **654**, 846.
Jean Bart, Escape of. **648**, 212.
Jean Bart's Escape to Safety. Isaiah Olch **644**, 1055.
Meeting the Jean Bart's Commander **655**, 1005.
Naval arsenal at Bizerta **149**, 200.
Navy Budget **325**, 237. **348**, 291. **349**, 429. **351**, 766.
New Jeanne d'Arc (ProfNote). Pierre Clement **740**, 123.
New problems in Mediterranean. W.P. Croyier **259**, 1585.
Organization of the fleet in 1913: **149**, 201.
Policy **208**, 923. **211**, 1493. **214**, 2006. **223**, 1423. **225**, 1791. **239**, 174. **244**, 1013. **248**, 1716. **249**, 1893, 1895. **250**, 2060. **253**, 453. **254**, 630. **255**, 812. **259**, 1528, 1585. **261**, 1874. **263**, 118. **269**, 1262. **279**, 961. **287**, 90. **292**, 694. **303**, 399. **314**, 329. **322**, 1070. **324**, 148. **328**, 547.
Program **203**, 97. **212**, 1649. **215**, 92. **220**, 923. **222**, 1297. **227**, 99. **231**, 805. **234**, 1404. **235**, 1546. **242**, 676, 679. **250**, 2057. **253**, 452. **254**, 672. **255**, 807. **257**, 1144. **264**, 294. **265**, 470. **271**, 1764. **281**, 1407. **284**, 2151. **286**, 2550. **287**, 91. **288**, 212. **298**, 1324. **299**, 57. **300**, 144. **312**, 146. **323**, 59. **347**, 113, 118. **348**, 286. **350**, 615. **351**, 766.
Promotion of Officers. M. Radom **415**, 1298. **429**, 1643.
Question of distribution of the fleet, 1911: **138**, 626.
Recommendations, 1909, of Conseil superieur de la marine **131**, 954.
Reorganization of, 1910: **134**, 597.
Report of Commission of enquiry into the state of the navy, 1909: **132**, 1275.
Ship names **349**, 470.
Ship strength **349**, 430, 457, 476-83.
Submarine flotilla in 1904: **112**, 843.
Technical board: Reorganization **335**, 112.
Unsatisfactory work in French navy yards, 1904: **112**, 844.
Vessels scrapped: Names **353**, 1074.
Vichy fleet **467**, 148.
Vietnamese Naval Forces: Origin of the Species. V.J. Croizat **840**, 48.
France--Personnel
Deficiency of older officers in French Navy, 1913: **149**, 202.
Engineer corps enlarged, 1904: **111**, 632.
French naval officers, 1912: **143**, 1112.
Increase (1905) of French naval personnel **113**, 201.
Interpreter rating established, 1903: **107**, 746.
Personnel legislation in 1913 in France **149**, 198.
Restriction against publications by officers removed, 1910: **136**, 1155.
Younger flag officers for French Navy, 1916: **163**, 932.
France--Program
1902: **101**, 94. **102**, 314.
1903: **105**, 244. **106**, 448. **107**, 744. **108**, 970.
1904: **110**, 431, **111**, 628.
1905: **113**, 199. **114**, 488. **115**, 702. **116**, 984.
1906: **117**, 328. **118**, 712. **119**, 1017. **120**, 1572.
1907: **121**, 388.
1908, 1909: **124**, 1511. **125**, 333. **128**, 1318.
1909, 1910: **129**, 288. **130**, 572. **131**, 952, 954. **133**, 271. **134**, 598. **136**, 1152.
1910-1911: **137**, 284, **139**, 1041. **140**, 1416.
1911-1912: **141**, 306, 310. **142**, 752.
1913-1914: **145**, 366. **146**, 843. **148**, 1732.
1914-1915: **149**, 195, 203. **150**, 479, 500.
France--Vessels Building
See also: Names of vessels.
1902: **101**, 93. **102**, 313. **103**, 628. **104**, 959.
1903: **105**, 243. **106**, 447. **107**, 744.
1904: **109**, 214. **110**, 429. **111**, 628. **112**, 841.
1905: **113**, 199. **114**, 488. **115**, 701. **116**, 983.
1906: **117**, 327. **118**, 711. **119**, 1017. **120**, 1569.
1907: **121**, 388. **122**, 847. **123**, 1290. **124**, 1511.
1908: **125**, 333. **126**, 702. **127**, 1052. **128**, 1318.
1909: **129**, 288. **130**, 572. **131**, 951. **132**, 1270.
1910: **133**, 269. **134**, 597. **135**, 860. **136**, 1152.
1911: **137**, 281. **138**, 624. **139**, 1039. **140**, 1415.
1912: **141**, 306. **142**, 1109. **143**, 1110. **144**, 1626.
1913: **145**, 366. **146**, 840. **147**, 1324. **148**, 1730.
1914: **149**, 194. **150**, 482, 486, 499. **151**, 829. **152**, 1179. **153**, 1481. **154**, 1794.
1915: **155**, 180. **156**, 526. **157**, 917. **158**, 1276. **159**, 1639. **160**, 2017.
1916: **161**, 227. **162**, 565. **163**, 932. **164**, 1268. **165**, 1629. **166**, 1972.
France, A.F.: **648**, 214.
Determination of Offshore Positions **361**, 397, 471. **365**, 1047.
France (Fr) **236**, 1791. **249**, 1896.
Description **138**, 624. **145**, 367.
SS France--Biggest Since Normandie (ProfNote). H.C. Reese **710**, 143.
Francesco Ferraccio (It. cruiser): Description **102**, 364.
Francis, Charles F. **844**, 70, 71, 73, 74.
Francis, David R. **842**, 56.
Francis Joseph, Emperor of Austria: Death of **167**, 211.
Francke, F.R.
Hurricane Warning Signals **397**, 360.
Naval Reserve Liaison Officer **363**, 669.
Maritime Commission Training Program **460**, 797.
Franco-German Aeronautic Convention, 1913: Provisions of. **149**, 263.
Frank, B.M.
Interview with J.T. Mason, Jr., Director of Oral History (Mason) **849**, 87.
Marine Corps History, Written and Spoken (ProfNote) **789**, 145.
Shanghai Duty, 1937-1938: How Bittersweet It Was (Pict) (C&D) **873**, 78.
This Way to the Egress (C&D) **766**, 132.
Frank, F.J.: United States Navy in the Desert (ProfNote) **796**, 138.
Frank, P.R.: Submerged Celestial Navigation **506**, 425.
Frank, W.B.
Land Bridge Comes of Age (Saunders) (C&D) **856**, 100.
Unusual M.S.T.S. Houston Office (ProfNote) **792**, 133.
Frank, W.F. **600**, 213.
Beyond His Capacity (anec) **663**, 35.
Declaration of Intention (anec) **641**, 709.
For the Probationer-What? **664**, 69.
Franke, W.B. Civilian Control of the Navy (C&D) **732**, 106.
Frank E. Evans (U.S.) **802**, 156.
Frank H. Buck (SS): Sinks U-Boat **188**, 2464. **190**, 2858.
Frankel, Bernard: Offshore Tanker Terminals: Study in Depth **841**, 56.
Frankford Arsenal: Fatal explosion at, Sept. 1917: **176**, 2428.
Frankfort (SMS) **202**, 2071.
Frankland (German transport): Sunk by mine **183**, 1152.
Franklin (USS) **307**, 783. **428**, 1427.
See also: Cover Pictures--August 1958 and Malo, H., American Privateers **139**, 964.
Heroic Carrier Is Scrapped (Nbk) **777**, 149.
Franklin, Benjamin
A letter from Benjamin Franklin to Dr. Brownrigg relative to the use of oil for stilling the waves **123**, 927.
Model tank experiments. E. Snow **247**, 1469.
Sponsor of American Navy. C. Lathrop **299**, 31.
Franklin, B.E.: Feasibility of the Franklin Piloting Technique (Brown) (C&D) **816**, 86.
Miniature Art Groups. H.A. Baldridge **478**, 1748, 1811.
Franklin D. Roosevelt (CV-42) decommissioning **896**, 100.
Franklin Piloting Technique, Feasibility of the. (ProfNote). E.B. Brown

800, 144. 804, 92. 805, 99. 810, 98. 816, 86.
Franz Classen (SS) 352, 933.
Franz Fischer (collier): Sunk 162, 654.
Fraser, A.M.
Department of Defense and the Chinese Threat 852, 18. 858, 97.
The Marine Corps as a Separate Service 873, 19.
Fraser, A.V. 486, 1093.
Fraser, P.A.: Leading the Leaders (Leadership Forum) 893, 78.
Fraser, W.M.: Mid-Latitude Sailing--A Graphic Solution (ProfNote) 799, 148.
Fraser-Harris, A.B.F.: Contemporary Defense Planning 702, 69.
Frasier, E.L.
Survival Among Sharks 827, 42.
Time to Change 820, 46.
Fratelli-Baniera (RIN) 339, 681.
Fravel, I.F.: Water ballast recovery for airships 252, 308.
Fravel, Richard: Where is the Western Navy? The World Wonders (Garde) (C&D) 875, 77.
Frazier, J.W.: Determination of Gyro Error at Sea (ProfNote) 762, 146.
Freak warships. F. Pratt 334, 1091.
Frear, E.K.: Our Changing Flag (anec) 702, 39.
Frederick, B.
Breathless Haste (anec) 622, 1365.
Chef's Specialty (anec) 626, 418.
Frederick, C.W. (Joint Translator): See: Morrison, F.W., and Frederick, C.W., Tr.
Frederick, W. (Crown Prince of Germany) 251, 143.
Frederick the Great: Strategy and tactics of. See: Darrieus, War on the Sea 125, 132.
Frederick (USS) 325, 206.
Fredericks, H.D.: Marine Raider? 642, 848.
Fredland, J.R. 474, 1158. 482, 567. 521, 973. 522, 1096. 525, 1473. 528, 210. 540, 226. 541, 358. 542, 489. 569, 791. 573, 1263. 579, 539.
Helicopters for Navy? 485, 988.
Retention: The High Cost of Leaving 803, 44. 808, 106, 108. 809, 109. 810, 106, 107, 108. 811, 93. 815, 86. 816, 83.
Savings Program for Naval Officer 562, 1355.
Fredonia (USS) 281, 1319.
Freeboard Problems--1938: 875, 79.
Freedman, R.
Absence with Leave (anec) 567, 543.
Double Take (anec) 635, 47.
Hold Everything! (anec) 561, 1231.
Freedom, Low Cost of. V.H. Krulak 809, 68. 814, 82. 815, 88. 817, 93.
Freedom of Expression: Most Silent Service. M.W. Cagle 798, 37. 802, 112, 113.
Freedom of Information: Military Cover and Deception vs. Freedom of Information. W.D. Toole, Jr. 874, 18. C&D: 877, 116, 119. 878, 84.
Freedom of Sea Outmoded According to Law Specialist (Nbk) 836, 120.
Freedom of Seas 313, 253. 327, 464. 335, 125. 345, 1491.
Freedom of the High Seas: An Impossibility? (ProfNote). M.W. Janis 853, 112.
Freedom of the Press or Treason? Grant Sanger 895, 96. 989, 77, 79.
Freedom of the Seas
A.J. Balfour 172, 1332.
H.E. Shear 664, 66.
Freeland, S.L. (joint author): See: Karig, W.
Freeman, C.S.
Exercise of command afloat 331, 779.
Uniform and enlisted man 334, 1105.
Freeman, Fred
Pen and the Sword (Pict) 826, 60.
SeaLab I--December 1971.
Freeman, Mason: Graduate Education--The Continuing Imperative 847, 56. 850, 87. 851, 85. 854, 103, 105. 854, 105.
Freeman, R.E.: Vice Admiral Chuichi Hara: Unforgettable Foe (Bartlett) (C&D) 827, 89.
Freeman, Tom (artist): Convoy--February 1977 Cover.
Free passage through straits: Territorial Sea: A Wider View (ProfNote). G.B. Cooper 854, 113. 858, 84.
Free Ports: Unconstitutional 203, 125.
Free Society, Military in the. S.H. Hays and T.A. Rehm 792, 26. 796, 106, 107.
Freestone, John: Merchant Ships: Take a Number, Please (ProfNote) 865, 100.
Free World Frigate: Common Purpose--Common Ship? E.E. Johnston 830, 25. 839, 99.
Freidel, F. 603, 573.
Freight and supply ship, Army 518, 569.
Freighters
Nuclear Otto Hahn on First Voyage (Nbk) 792, 157.
Nuclear-Powered Freighters (Nbk) 725, 152.
Nuclear-Powered Otto Hahn Undergoes Trials (Nbk) 787, 160.
Tiny Vessel to Join Atlantic Lines (Nbk) 729, 144.
Freitag, R.F. 708, 126. 703, 117. 722, 126.
Book Review 731, 106.
Joint author: See: C.W. Styer, Jr.
Project Transit--Navigation Satellite 699, 77.
Freitas, W.J.
Brazilian Naval Academy 568, 633.
Portugal as Ally 586, 1305.
Spain--No Military Weakling 570, 847.
Frémont, J.C. 464, 1385.
French Infantry, Changes in the Battle Exercises of the. H.G. Dresel, Tr. 71, 599.
French Marines (ProfNote). G.E. Thibault 781, 136.
French Naval Construction
1894: 72, 833.
1901: 96, 687.
French Naval Officers, The Training of. 77, 222.
French Navy to Modernize (Nbk) 800, 157.
French Oceanographic Fleet Continues to Grow (Nbk) 809, 131.
French Raft for Invasion of England, 1798: See: Cover Picture.
French war 357, 1550.
French, R.M.: Soviet Union's Far-Flung Nets (Oetting) (C&D) 824, 97.
Frequency modulation: This New FM. J.R. Howland 468, 187.
Fresh water for liners 249, 1911.
Fresnel (FN) 201, 1908.
Destruction of the. 161, 308.
Frey, A.R. 578, 430.
Frey, H.S.
Complete Information (anec) 683, 105.
Not Enough to Go Around (anec) 694, 81.
One Best Way to Oblivion? (Beaumont) (C&D) 803, 98.
Frick, W.M. 593, 791.
Fricker, John
Air-Cushion Vehicle Comes of Age (ProfNote) 751, 139.
Blackburn Buccaneer (ProfNote) 715, 131.
British Carriers and VTOL (ProfNote) 741, 130.
Canadian Naval Aviation (ProfNote) 731, 129.
Flying Dutchmen (ProfNote) 733, 145.
France's Aéronavale (ProfNote) 724, 147.
Japan's Naval Air Arm (ProfNote) 738, 149.
R.A.F. Coastal Command (ProfNote) 762, 142.
Westland Wessex (ProfNote) 720, 142.
Fried, P.M.: Why ROTC? (Davis) (C&D) 800, 102.
Friede, V.M. 444, 308.
Friedell, W.L. 340, 858.
Friedman, J.L. 704, 120.
Friedman, Norman
Anti-Aircraft Cruisers: Life of a Class (Pict) 743, 83.
Book Reviews 878, 91. 898, 92.
C^3 War at Sea (NavRev) 891, 124.
Friedrich der Grosse (Ger. battleship)
Description 144, 1631.
Illustration 141, 1.
Launched; description 139, 1045.
Friedrich Karl (Ger. cruiser)
Description 108, 973.
Sunk in Baltic Sea 155, 258.
Friendship (USS) 237, 2010.
Capture of, at Quallah Battoo 135, 707.
Frier, J.M., Jr. 683, 109. 696, 108.
Navy--A Retention Gap (McGarry) (C&D) 798, 114.
Fries, A.A.
Aspects of chemical warfare 306, 635. 310, 1083.
Law and order, or? 284, 1993.
Friesenland (Ger. MS) 427, 1256.
Frigates
See also: New Navy, Page from.
Case for the Big Frigate (ProfNote). C.D. Allen 825, 106.
France
Suffren-class Missile Frigates (ProfNote). Henri LeMasson 760, 142.
Frigate Constitution: Song 119, 922.
Frigate's Distinguished History 661, 104.
Frigates or large destroyers 819, 247.
The Knox-class Frigate--A Reassessment (ProfNote). T.B. Buell 873, 93.
Great Britain
British Frigate, Leander class (Nbk) 762, 166.
British to Have All Gas Turbine Frigate (Nbk) 760, 167.
Guided Missile Frigate: Comments on the Bainbridge (Pict). R.E. Peet 725, 90.
Guided Missile Frigates--Russia
Kashin-class Missile Frigates (ProfNote). R.H. Webber 748, 138. 751, 116.
Kynda-Class Missile Frigates (ProfNote). R.M. Basoco and R.H. Webber 739, 140.
Unites States 330, 706. 344, 1449. 351, 648. 357, 1674. 358, 1737.
Guided Missile: Bainbridge Makes High-Speed Run (Nbk) 774, 147.
The Knox-class Frigate--A Reassessment (C&D) 878, 82.
USS John S. McCain (DL-3). L.J. Rhoades 683, 152.
Frisbie, F.L. (co-author): See: J.L. Boyes.
Fritz, J.C.: One's Own Destiny 785, 38.
Frobisher (HMS) 328, 544. 342, 1110. 355, 1372.
Froid, J.C. 718, 108.
The Mobile Riverine Force (Pict) (C&D) 805, 98.
Research Catamaran (T-AGOR-16) (ProfNote) 790, 132.
Frolic, Poictiers (Br.) and Wasp (U.S.) 435, 779.
Frolic (U.S.) 398, 519.
The Frolic in the Baltic, 1867. C.F. Goodrich 156, 473.
Fronczkowski, R.E.
From Volunteer to Mercenary? (C&D) 885, 73.
The Silent Vote (Dengler) (C&D) 820, 92.

Frondeur (FN) 346, 1716.
Front Page, Art of Getting Off. E.L. Castillo 673, 37.
Frost, D.A.
Bits of Ribbon 383, 60. 387, 708.
Candidates for Public Servants 382, 1713.
Fleet Naval Reserve vs. Retirement 400, 809.
Frost, H.H. 262, 2140. 269, 1231. 299, 78. 319, 832, 834. 325, 225, 258. 358, 1816.
Attack on Zeebrugge 313, 177.
British Submarines in Turkish Waters 242, 647.
Control of fleets in action 158, 1053.
Correspondence re Battle of Jutland 221, 1083.
Criticism in wartime 186, 1745.
Cruise in Kuriles 260, 1665.
Description of Battle of Jutland 201, 1829. 202, 2019. 203, 61.
High Sea Fleet at Jutland 213, 1721. 215, 89.
How We Got Our Navy 359, 43, 150. 362, 570.
Letters on naval strategy 184, 1241. 185, 1465. 186, 1763. 187, 2025. 188, 2297.
Letters on staff duty 198, 1305.
Let's Pull Together 354, 1175. 358, 1844.
The Moral Factor in War 162, 349.
National Strategy 270, 1343.
Naval Aircraft in Coastal Warfare 335, 9.
Naval Service 251, 31.
New Deal for Naval Reserve 275, 51.
Night Scouting with Listening Devices 211, 1449.
Night Torpedo Operations 174, 1671.
Observations on Helmsmanship (anec) 761, 55.
Our Heritage from Paul Jones 188, 2275.
The People's Role in War 172, 1113.
Problem of firing at a fleet underway with long range torpedoes 146, 681. 148, 1719.
Results and effects of Battle of Jutland 223, 1325.
Sea Power 296, 1102.
Some exploits of the Old Dutch Navy 191, 19.
Spirit of Offensive 238, 2087. 239, 97. 240, 269.
Torpedo Problems for Destroyers 257, 1041.
Traditions of the Naval Service 165, 1509.
Tribute 386, 603.
Two dozen books 279, 866.
Frost-bite: Frozen toes but not cold feet. G.E. Brandt 316, 518.
Frothingham, D.A. 724, 114. 731, 101.
Frothingham, T.G. 237, 2009. 275, 193. 279, 1040. 284, 2174. 286, 2646, 2648. 306, 717. 320, 920. 329, 672. 379, 1337.
Awakening in May, 1917: 291, 544.
Entrance of U.S. into World War 290, 399.
Naval building program 319, 805.
On "Plea for the battlecruiser." 160, 2009.
Sequence that led to Yorktown 344, 1327.
Service of Marblehead to U.S. Navy 286, 2413.
Ship Bethel 200, 1695.
Strategy of World War and Lessons of Effort of U.S. 219, 669.
Test of Fact Against Fiction in Battle of Jutland 301, 169.
Frozen Light, Discovery of. 259, 1589.
Frozen Toes But Not Cold Feet. G.E. Brandt 316, 518.
Fruin, R.L. 662, 109.
Fry, J.C. 686, 111. 693, 103. 698, 110.
Sound Range Prediction 702, 131.
Fry, N.J.
Attack Carriers: The Human Equation (Schelin) (C&D) 870, 88.
Let's Abolish Ensigns (MacKenzie) (C&D) 861, 96.
Frye (SS): German notes on the Frye case 159, 1709.
Fryer Buoyant Propeller, The. W.H. Jaques 21, 401.
Fubuki (HIJMS) 337, 400.
Fuchida, M.: I Led Air Attack on Pearl Harbor 595, 939.
Fuchida, Mitsuo, and Masatake Okumiya
Five Fateful Minutes at Midway 628, 660.
Prelude to Midway 627, 505.
Fuchs, J.E., et al 699, 127.
Fuchs, Sir Vivian (BkRev) 804, 102.
Fuel
Aircraft engine 280, 1223.
Alcogas tests 220, 952.
Alcohol 203, 135. 227, 136. 233, 1233.
Bergin coal treating process 228, 313.
Blau gas 310, 1096.
Coal 203, 134. 212, 1692. 213, 1856. 216, 275. 228, 313. 230, 646. 234, 1437. 272, 2007. 275, 158. 280, 1235. 281, 1464. 282, 1654. 297, 1228.
Bituminous schist as fuel 183, 1109.
Carbocoal 188, 2415.
Coal for the Navy. J.S. Higgins 148, 1427.
Coal Gas for Autos 203, 133.
Coal or Oil? 341, 970. 344, 1419.
Coloidal Fuel 197, 1262.
Cost of U.S. Navy's Coal, 1917: 174, 1804.
French Coal Output in 1916: 172, 1239.
Matanuska Coal Fields. See: Downey, J.O. 148, 1680.
Powered Coal 199, 1641.
Test of Alaskan Coal, 1913: 150, 576.
U.S. Navy Coal investigating expedition in the Bering River field of Alaska (Illus, maps) J.O. Downey 148, 1651.
Coke from coal and oil mixture 232, 1044.
Colloidal 202, 2094. 217, 439. 354, 1222, 1230. 355, 1381.
Consumption
See also: Stoking.
Coal consumption of warships. W.F. Worthington 110, 373.
Coal consumption of U.S. naval vessels, 1906-1909: 148, 1436.
Coaling and coal economy 128, 1347.
Fuel consumption of British Navy in 1913: 149, 271.
Coal saving competition in British Navy, 1906: 118, 723.
Estimating coal endurance. D.W. Taylor 112, 811.
Fleet Steaming and Economy. H.C. Dinger 125, 259.
History of Engineering Competitions in the Navy. E.C. Kalbfus 139, 995.
The Meaning and Use of Entropy. W. McEntee 127, 1031.
Steaming Competitions in U.S. Navy, 1910: 134, 621.
Superheated Steam Saves Coal 143, 1160.
Economy 209, 1152. 328, 549. 344, 1418.
Fuel a Big Problem of the Wooden Fleet 172, 1289.
Fuel Cells for Small Submarines 835, 33.
Fuel Consumption, A Practical Method of Predicting (ProfNote). G.D. Morin 825, 104.
Fuel Plants: Shipping board's 204, 294.
Fuel Tanks 231, 833. 233, 1217, 1219. 284, 2142.
Story of Self-Sealing Tank. E.H. Eckelmeyer, Jr. 516, 205.
Gasoline 203, 133. 280, 1223.
Liquid Fuel 37, 242. 80, 816. 90, 453. 91, 693. 239, 159.
Advantages of Oil Burning 142, 801.
Alcohol as a Motor Fuel 148, 1441. 199, 1640.
British Navy Adopts Oil as Fuel for Destroyers, 1909: 132, 1303.
Crude Oil Fuel in the French Navy, 1912: 141, 368.
Diesel Engine Fuels. F.X. Gygax 148, 1439.
Fish Oil as Fuel for Motor Boats 183, 1108.
Fuel for Internal Combustion Engines 126, 537.
Fuel Oil for the U.S. Navy 166, 1998.
Fuel Oils; Origin, Production, Treatment. D.T. Day 149, 79.
The Future of Liquid Fuel. C. de Thierry 126, 736.
Gasoline for the U.S. Navy, 1917: 172, 1271.
Importance and Necessity of Oil Fuel 171, 1038.
Introduction of Oil as Fuel for German Navy 148, 1739.
Liquid Fuel for Ships. Sir F. Flannery 102, 437.
Liquid Fuel for Steamships 102, 433.
Liquid Fuel for Steamships. E.L. Orde 103, 736.
Liquid Fuel for Torpedo-Boat Boilers J.B. Briggs 45, 454.
Liquid Fuel, Remarks on Efficiency of. 104, 996.
Naphtha Fuel for Warships. M. Vasilieff. J.B. Bernadou, Tr. 80, 763.
Naval Petroleum Reserves No. 1, and No. 2. J.O. Richardson 161, 93.
Oil and Coal Competitive Trials, 1904: 112, 901.
Oil as Fuel for Trans-Atlantic Steamers 125, 367.
Oil as Fuel in German Navy, 1904: 111, 634.
Oil Compared with Coal as Fuel for Ships, 1908: 128, 1344.
Oil Fuel
Developments, 1908: 127, 1082.
Experiments of USS Wyoming 123, 1309.
for Japanese Steamers, 1906: 120, 1603.
for Navies 102, 380.
from British sources 188, 2371.
in British Navy, 1908: 126, 713.
In 1913: 147, 1360.
Question in U.S.N., 1913: 150, 577.
Supply of the World, 1912: 142, 794.
Oil Problem in British Navy, 1913: 150, 578.
Oil Supply of the U.S. Navy, 1917: 174, 1805.
Oil to be used extensively in British Navy, 1908: 126, 735.
Process for making gasoline patented 164, 1325.
Trials on board French T.B.D. Surly 91, 695.
U.S. Bureau of Mines Searching for Special Aeroplane Fuel 195, 843.
Wallis, R. 82, 369.
World's Output, 1911-1912: 150, 437.
Naval 239, 332. 306, 689.
Oil 202, 2077, 2094. 206, 632. 207, 776. 217, 439. 222, 1292. 234, 1437. 265, 490.
Peat 215, 114.
Power, Speed, and. 343, 1264.
Pulverized Coal 280, 1235. 299, 59. 307, 791. 311, 60. 320, 903. 324, 161.
Some Whys and Wherefores of Power. E.B. Perry 285, 2253.
Storage 234, 1398.
See also: Oil; stoking.

Coal, Preservation of by Submersion **107**, 789. **122**, 889.
Oil Storage Arrangements in British Navy, 1909: **132**, 1285.
Oil Storage Depots in Great Britain, 1905: **116**, 1003.
Storage of Liquid Fuel, British System, 1909: **129**, 320.
Submerged Coal Storage an Advantage; Results of British Experiments, 1906: **118**, 739.
Submerged Salt Water Storage for Coal. W.H. Beehler **118**, 545.
Underground Storage Capacity of U.S. Naval Stations **167**, 156.
U.S. Navy Oil Fuel Storage Facilities, 1913: **146**, 868.
Synthetic **267**, 826.
Water as Fuel, An Amazing Demonstration of. E.P. Jessop **397**, 385. **420**, 252.
Fueling
British Coaling Records, 1912: **142**, 763.
Coaling and Coal Economy **128**, 1347.
Coaling British Battleships at Sea **158**, 1286.
Coaling Record of British Fleet at Arosa, 1911: **138**, 636.
French Coaling Records, 1904: **111**, 631.
Fueling at Sea, illus. H.C. Dinger **199**, 1607.
Fueling Plants
British Floating Coaling Depot **114**, 531.
Colliers and Coaling Stations, map. A.P. Niblack **111**, 567.
Puget Sound Coaling Plant **101**, 142.
San Juan Coaling Plant **101**, 142.
Fueling Platform Tests By U.S. Navy Successful (Nbk) **809**, 133.
German Coaling Records, 1908: **129**, 290. 1912: **143**, 1120. 1913: **147**, 1336.
HMS King Edward VII Makes Record, 1909: **130**, 586.
HMS Terrible Makes Coaling Record **102**, 403. **103**, 647.
HMS Triumph Makes Another Record, 1912: **141**, 325.
Mackrow Apparatus for Coaling Ship **110**, 475.
Metcalf Coaling System **112**, 861.
New Method of Coaling, 1913: **149**, 268.
Oil in Troubled Waters. W.C. Chambliss **489**, 1425.
Progress in Coaling Ship. S. Miller **137**, 330.
Record of USS North Dakota **142**, 781.
Records of British Battleships, 1903: **105**, 306.
Records of British Fleet, 1904: **110**, 445.
Records of the Helgoland **142**, 757.
Refueling Warships at Sea **155**, 212.
Temperly-Miller Coaling Apparatus **101**, 141.
USS Virginia Makes World's Record, 1908: **127**, 1089.
Fueling at Sea
Air Exhaust Replaces Sea Chanties (ProfNote). B.G. Kroger **646**, 1343.
Back-Down Approach (ProfNote). G.A. Van Riper **682**, 128. C&D: **698**, 112. **701**, 99.
Close Shaves or Collisions (ProfNote). F.B. Gilkeson **698**, 129.
For Want of a Nail. J.T. Henrizi **726**, 44.
Seagoing Service Stations. D.P. Dakos **656**, 1098.
Fugard, W.H.: Role of the Junk Fleet Advisor (Brown) (C&D) **794**, 119.
Fugate, F.L.: Don't Turn Deaf Ear (anec) **558**, 929.
Fujita, Nobuo, and J.D. Harrington **707**, 114.
I Bombed the U.S.A. **700**, 64.
Fukaya, H. **600**, 206.
and M.E. Holbrook **612**, 213.
Japan's Wartime Carrier Construction **631**, 1031.
Shokakus—Pearl Harbor to Leyte Gulf. M.E. Holbrook, Ed. **592**, 638.
Three Japanese Submarine Developments. M.E. Holbrook, Ed. **594**, 863.
Fukuda, T.: Mistaken War **790**, 42.
Fukudome, Shigeru **605**, 784. **608**, 1131. **625**, 340.
Hawaii Operation **634**, 1315.
Strategic Aspects of Battle Off Formosa **598**, 1285.
Fulk, G.A., and G.C.A. Laskaris: The Navy Research Associate (ProfNote) **856**, 116.
Fullagar (SS) **212**, 1683.
Fullam, W.F.
Absence Over Leave in the Fleet **140**, 1103.
American Naval Policy **113**, 184.
Coordinating Army and Navy **251**, 14.
Employment of Petty Officers in the Navy **103**, 467.
On Defense of Our New Naval Stations **103**, 589.
The Organization, Training and Discipline of the Navy. Hon. Mention, 1896: **77**, 83.
Predicts Passing of Big Ships **201**, 1918.
Reports of Fitness of Naval Academy Graduates **107**, 661.
Street Riot Drill, Wall-Scaling... **69**, 169.
The System of Training and Discipline Required to Promote Efficiency **55**, 473.
Training Landsmen for the Navy **103**, 475.
William Freeland Fullam's War with the Corps. J.G. Miller **873**, 37.
Fuller, B.H.: U.S. Marine Corps **332**, 913.
Fuller, W.E.: Case of Mistaken Identity (anec) **658**, 1319.
Fullinwider, S.P.: The Fleet and Its Personnel **109**, 1.
Fulminate of Mercury: Manufacture of. **110**, 369.
Fulmine (RIN) **345**, 1574.
Fulton, G. **406**, 1773.
Chapter in History of Submarines **455**, 75.
Rigid Airships **224**, 1565. **225**, 1697.
Fulton, R.
Catamaran Expeditions. D.W. Thomson **492**, 143.
Fulton and Decatur: An Unpublished Document. H.W. Baldwin **396**, 231.
Fulton the First. R.R. Gurley **385**, 322.
Nautilus. D.W. Thomson **476**, 1397.
Reference to British Parliament (regarding torpedoes), 1810: **137**, 317.
"Torpedo System" in War of 1812. D.W. Thomson **523**, 1207. **525**, 1469.
Turtle Boat. W.R. Rowbotham **406**, 1746.
Fulton (U.S.) **432**, 226.
See also: Som.
Historic Ships of Navy. R.W. Neeser **455**, 48.
Launched, description **152**, 1212.
Fulton the First (USS) **334**, 1094. **385**, 322. **432**, 225.
Funchal: Bombarded by Submarine **179**, 167.
Function of the Navy. J.D. Chase **800**, 26.
Functions and Types. A.O. Momm **292**, 652.
Functions of Naval Power. W.H. Gardiner **320**, 839.
Functions of Office of Naval Operations. A.F. Carter **204**, 169. **214**, 1987.
Fundamentals of Sea Power. Y. Stirling **268**, 889.
Funk, G.C. **546**, 1028.
Funkhouser, J.T.: Soviet Carrier Strategy **850**, 27. **856**, 103.
Funnel Markings
British System of Funnel-Marking **133**, 276. **134**, 610.
U.S. Merchant Marine **422**, 632.
Funnell, C.L.
Meeting New Navy **527**, 23.
Second Alma Mater **403**, 1231.
Funnels
Effect of Shortening Funnels **129**, 297.
Efficiency of High Funnels **133**, 276.
Height of Funnels of Certain British Warships **129**, 292.
Lengthening the Funnels of the British Warships, 1910: **136**, 1161.
Funston, F.: Letter regarding siege of Baler **135**, 921.
Furer, J.A.
Equipment for navy yard shops **163**, 825.
The 110-Foot Submarine Chasers and Eagle Boats **195**, 753.
Salvage Operations on Submarine F-4, illus. **160**, 1833.
Scientific Research and Modern Warfare **505**, 259.
Structure of Naval Appropriation Acts **550**, 1517.
Furious (Eng.) **235**, 1556. **336**, 264. **338**, 550. **344**, 1421. **347**, 125. **348**, 212. **349**, 429. **350**, 614. **351**, 763. **353**, 1068, 1087. **354**, 1220. **357**, 1675. **358**, 1825.
Fisher's Folly—The Fabulous Furious. Douglas Stuart Jordan **628**, 667.
Furland, F.W.
Cleared for Take-off (anec) **697**, 97.
No Drills Scheduled (anec) **688**, 67.
Furnaces **259**, 1554. **261**, 1898. **275**, 158. **278**, 760. **292**, 704.
Furtek, Fred F., Jr.: Employment Plan for U.S. Navy PHMs (Rempt) (C&D) **884**, 94.
Further Application of Our Publicity Policy. F.E.M. Whiting **343**, 1169.
Furutaka (HIJMS) **279**, 969. **337**, 400.
Fused Quartz **258**, 1387.
Fuses
Clock-work fuses **187**, 2128.
Experiments with Delayed Action Fuses, 1912: **144**, 1669.
Maxim Shell Fuse **104**, 999.
A New Percussion Fuse, 1902: **104**, 1176.
Shrapnel and Time Fuses **237**, 1980.
U.S. Army Tests, 1902: **101**, 138.
Fushun (SS) **274**, 2394.
Fuso (Jap. battleship): Illus. **154**, 1776.
Future of the Navy: Youth and the U.S. Navy. C.G. Reynolds **845**, 26. **849**, 87.
Future, Two Lessons from the. T.B.M. Mason **2**, 57.
Fuzes
A New Percussion Fuze. H.P. Merriam **65**, 127.
Electric Resistance... J.A. Shearman **42**, 483.
Fyfe, H.C. Submarine Boats **103**, 753.
Fyffe, Joe **641**, 763. **578**, 423. **582**, 881.
Joe Fyffe—Officer and Gentleman. R.W. Daly **638**, 417.

G

G-3 (U.S. sub): Trials of the Ocean-Going G-3: **158**, 1299.
Gade, J.A.
Dutch and Norwegian Navies **480**, 193.
Swedish Navy **499**, 1129.
Gaffney, F.L. **476**, 1458.
Gagarin, Yuri: World's First Cosmonaut Is a Naval Aviator (C&D). W.C. Chapman **741**, 115.
Gage, W.H., Jr.: Chester William Nimitz, 1885-1966 (C&D) **764**, 127.
Gainard, Joseph **670**, 122.
Galantin, I.J. **671**, 115.
Nuclear-Powered Submarines, Future of. **664**, 23.
Galapagos Islands
Fisherman's Paradise—Settler's Hell.

Galapagos Islands (Cont.)
Fisherman's Paradise (Cont.) R. Mazet, Jr. **423**, 717.
Galapagos. R.W. Mindte **471**, 651.
Neptune's Post Box (OldNav). F.P. Schmitt **888**, 68.
Galbraith, J.K.: Against All Enemies (Hanks) (C&D) **810**, 95.
Galbraith, W.H. **393**, 1690.
The Military Mind (Partlow) (C&D) **826**, 91.
Raft of Trouble (OldNav) **826**, 74.
Steel Warships, Our First (Pict) (C&D) **797**, 104.
Galdorisi, George: "Launch Aircraft! Land the Landing Force!" (May Cover) (C&D) **897**, 83.
Gale, Esson M.: The Yangtze Patrol **625**, 307.
Galernaia Island: Fire at Navy Yard **101**, 115.
Galford, F.C.: Erosion of an Ethic (Dunwell) (C&D) **894**, 66.
Gallagher, Barrett (photog.)
Book Review **808**, 115.
Guam (LPH-9) (Pict) **756**, 84.
Naval Air Engineering Center (Pict) **775**, 92.
New Medium Endurance Cutters (Pict). W.F. Tighe, Jr. **750**, 92.
Raleigh (LPD-1) (Pict) **731**, 84.
Roosevelt Roads (Pict) **735**, 92.
Salute to a Queen (Pict) **805**, 70.
Searching for Subs in the Atlantic (Pict) **713**, 98.
Sentinels Under the Sea (Pict) **715**, 85.
U.S. Naval Academy Yawl Fearless--December 1965 Cover.
Gallagher, E.F. **590**, 439.
Exercise Match Maker (C&D) **763**, 114.
Negat Fubar (anec) **617**, 750.
Gallagher estimates situation **275**, 103.
Gallaher, W.E. (BkRev) **767**, 110.
Galleons, Manila. J.D. Hayes **382**, 1689.
Gallery, D.V. **564**, 211.
"...Nor Dark of Night" **794**, 85. **799**, 105.
Gallery, P.D.
Audience Drowned Him Out (anec) **772**, 87.
Every Little Bit Helped (anec) **780**, 108.
A Few Ideas of a Cruiser Skipper **629**, 784.
Me and My Dam Neck **814**, 52. **821**, 93.
Naval Academy Preparatory Class **409**, 376.
Saved By One Marine (anec) **784**, 34.
A Thousand Times, No! (anec) **655**, 943.
Galles, R.E.: A Petty Officer's Alternative to Stagnation in Rate (C&D) **883**, 79.
Galley, Row, Bulldog. E. Snow **401**, 991.
Galleys
The Admiral's Question (C&D) **868**, 84.
Mediterranean, Early **401**, 1036.
Galligan, J.F. **557**, 826.
Gallin, A.L. **696**, 108.
Effectiveness: The Basic Criterion **686**, 77. **694**, 110.
Gallipoli Peninsula Campaign: See: Dardanelles Campaign.
Gallivats, East Indian: Kunjali: Great Hereditary Admiral of Calicut (OldNav). J.M. Windas **814**, 70.
Gallotta, A.A. **684**, 103.
Gallotta, A.A., Jr.: Naval Aviation Officer: Is Flight Pay Really Needed? (C&D) **849**, 93.
Galvanic Action, Damage done to Shipping by. **87**, 531.
Galvão, Henrique: See: B.H. Brittin. Piracy--A modern Conpectus.
Galway Castle (SS): Sunk **188**, 2466. **189**, 2675.
Galwey, G.V.: Life in Midget Submarine **530**, 421.
Gamble, J.: John Gamble, U.S. Marine. C.C. Hanks **467**, 33.
Gamble, J.M.: See: Cover Pictures--March 1955.
Gamble, John Marshall
A Marine at the Conn? (OldNav). W.H. Langenberg **885**, 69.
Seaman For All Seasons (OldNav). A.G. Monroe **816**, 69.
Sea Soldier in the Sandwich Islands (OldNav). W.B. Murphy **897**, 65.
Gamble, M. **589**, 321.
Gamble (USS): Launched **185**, 1556.
Gambrell, C.B.: Memory by Association (anec) **786**, 58.
Gambrill, S.H.: Measurement of Fuel Oil **285**, 2286. **303**, 396.
Games
Acey-Deucy, Navy Game. M.W. Cagle **579**, 513.
Board: Experiment in Mutual Understanding. H.E. Billingsley **518**, 533.
Landing Operations, Teaching, with Models. C.G. Richardson **376**, 796.
Naval Warfare in Miniature. S.A. Smiley **383**, 54.
Navy Men in Olympic Games. R.H. Swartz **690**, 57. **697**, 115.
Navy War Games Program. J.B. Davis, Jr. and J.A. Tiedeman **688**, 61.
Political Gaming. L.P. Bloomfield **691**, 57.
Gamesman's Game. W.J. Ruhe **649**, 292.
Game Warden, TF 116: **819**, 192.
Gandhi, Mahatma: Revolt in India (Int-Aff) **329**, 665.
Ganges, Sloop-of-War (OldNav). H.C. Votaw **833**, 82.
Ganges (USS)
See also: Farenholt, A. **128**, 1279.
American (colonial) Navigators **119**, 861.
Gangrene: Antitoxin for Gangrene **174**, 1907.
Gangut (Rus. battleship)
Description **135**, 884.
Plans **142**, 775. **146**, 864.
Ganley, E.J.: Word to the Wise (anec) **657**, 1213.
Gano, R.A.: MSTS--A Fleet in Readiness **733**, 56.
Garagnani, Ubaldo: Andrea Doria, Caio Duilio, and Vittorio Veneto--Cruisers of the Italian Navy (ProfNote) **788**, 138.
Garbage Burners Set for Some Norwegian Ships (Nbk) **809**, 127.
Garber, P.W.
Career Dilemma of the Naval Reserve Surface Line Officer (C&D) **771**, 120.
Co-author: See: J.S. Aber, Jr.
Disciplining the All-Volunteer Force (Webster) (C&D) **865**, 78.
Tombstone Promotions (Prince) (C&D) **797**, 109.
Victory in Limited War (Parnall) (C&D) **800**, 116.
Garcia, W.V. **694**, 109.
Garcia (U.S.): USS Garcia (DE-1040) (NewNav). D.A. Smith **751**, 160.
Garde, Hans
Influence of Navies on the European Central Front (NavRev) **879**, 160.
Where Is the Western Navy? The World Wonders **866**, 18. **870**, 84. **875**, 77.
Gardiner, E.C.: Narrative of Rear Admiral Goldsborough **365**, 1023, 1091. **369**, 1669.
Gardiner, F.M. **509**, 838.
Gardiner, Leslie: Albania: "Last Lonely Stronghold" **776**, 54.
Gardiner, W.H.
American Sea Power **308**, 827. **309**, 1035.
Functions of Naval Power **320**, 839.
National Policy and Naval Power **276**, 229. **278**, 724. **279**, 923. **280**, 1176.
U.S. Navy Cost and Who Pays for It **243**, 828.
Gardner, C.H.: Towards a Rational Use of the Oceans (Charlier & Vigneaux) (C&D) **859**, 98.
Gardner, E.R.: Last Gasp (anec) **578**, 385.
Gardner, G.
Diesel Engines in Aircraft **319**, 814.
High-Speed Airplane Racing **321**, 997.
Gardner, G.H., Jr.: Grow the Green Grass Here **636**, 137.
Gardner, K.N.: Yangtze River Campaign, 1926-27: **347**, 40.
Gardner, R.E.: Merchant Marine: Subsidies and Competition (C&D) **773**, 115.
Gardner Gun, The. **20**, 326.
Gardy, V.R.: New Look at Tidal Dynamics (ProfNote) **847**, 111. **852**, 96. **861**, 97. **865**, 81.
Garen, A.N.: Notices to Mariners (anec) **591**, 535.
Garger, M.A.: Position-keeping System **803**, 97. **811**, 96.
Garibaldi, G. **443**, 31.
Garibaldi (It. cruiser)
Torpedoed **158**, 1371.
Trials **106**, 487.
Garland: Automatic 1-pounder **100**, 823.
Garner, J.M.: Reopening of Suez: Who Gains? Who Loses? (ProfNote) **860**, 103.
Garrett, G.: Primer of Propaganda **288**, 251.
Garrett, R.D.: Typhoons Lorna and Marie (ProfNote) **748**, 143.
Garrick, R.M.: Range Tracker (T-AGM-1) (NewNav) **712**, 170.
Garrison, L.W. **647**, 94.
Completed Staff Work (ProfNote) **701**, 123.
P-3A Orion (NewNav) **735**, 156.
USS Iwo Jima (LPH-2) (NewNav) **729**, 162.
Garrow, J.A. (co-author): See: H.E. Padgett.
Garthoff, R.L.
Sea Power in Soviet Strategy **660**, 85.
Soviet Operations in the War With Japan **759**, 50. **763**, 122.
Garvey, W.G.
The Eyes of the Fleet (Guarino & Muller) (C&D) **889**, 82.
The F-18 (Halleland) (C&D) **895**, 82.
The Single-Seat Cockpit and the NFO (Chapman) (C&D) **895**, 82.
Garvin, A.D.: How It Works--A Seaman's Eye in CIC (ProfNote) **680**, 149.
Gary, F. **498**, 1023. **502**, 1513.
Garzke, W.H., Jr.
See also: Book Reviews: R.O. Dulin, Jr.
Book Review **857**, 106.
Garzke, W.H., Jr. and R.O. Dulin, Jr.
Book Review **853**, 105. **859**, 102.
Hitler's Flattop--The End of the Beginning (C&D) **778**, 113.
Loss of the Prince of Wales and Repulse (C&D) **858**, 95.
Shipborne Radar (Macintyre) (C&D) **791**, 101.
Welcome to the War (Heinl) (C&D) **798**, 111.
Gas
See also: Poison gas.
Carbon Monoxide **334**, 1147. **338**, 550.
Currenium **231**, 829. **232**, 1038. **233**, 1222.
Gas Defense Afloat. R.B. Carney **326**, 291.
Neon **315**, 453.
Gas Masks
Anti-Gas Helmet **172**, 1258.
Gas Mask and Next War. D.C. Walton **269**, 1172.
Navy's New **237**, 1982.
Permits Speech **244**, 1043.
U.S. type **182**, 854.
Gas Oil As Fuel **148**, 1453.
Gas Problems for Dirigibles **284**, 2110.
Gas Testers: Automatic Co2 Recorders **213**, 1855.

Gas Turbines
Gas Turbine-Powered Warships (Chart) **820**, 102.
Gas Turbine Propulsion in Warships (ProfNote). D.I. Thomas **820**, 101.
Gas Turbines for Warships (ProfNote). Desmond Wettern **770**, 137.
Powering the New Navy: Marine Gas Turbines (ProfNote). R.E. Goldman **865**, 95. **869**, 80. **870**, 86.
Gas Warfare **355**, 1380.
See also: Poison Gas.
Anti-gas Research **310**, 1088.
Application of chemical agents to naval warfare. N.A. Draim **310**, 1060.
Are We Ready for Wholesale Murder? **223**, 1473.
Aspects of Chemical Warfare. A.A. Fries **306**, 635. **310**, 1083.
Chemical Disarmament **217**, 442.
Chemical Industries and War **220**, 930.
Chemical Warfare and Possibilities **208**, 982.
France: Drills **346**, 1711. **355**, 1385.
Gas Defense Afloat. R.B. Carney **326**, 291.
Gas Mask and Next War. D.C. Walton **269**, 1172.
German Gas Attacks **174**, 1909.
Italian Chemical Service **287**, 96.
Law and Order, or? A.A. Fries **284**, 1993.
Mustard Gas **208**, 979.
Nations Making Gas Despite Washington Agreement **255**, 862.
Neutralizing and Somniferous Gases **291**, 597.
Poison Gas Prohibited by Arms Traffic Convention **270**, 1566.
Protection of Battleships Against Poison Gas. P.W. Hains **245**, 1113. **248**, 1693.
Ship Personnel and Gas Warfare. E.M. Ellis **339**, 657.
Should Poison Gas Be Legalized. H.A. Gosnell **353**, 1013, 1049.
Use of Chemicals in War. C.C. Baughman **291**, 547.
Varieties (1,000) Known **261**, 1927.
War Gases **219**, 781.
Gasconier (SS): Torpedoed **188**, 2467.
Gasoline
See also: Fuel, Liquid, Oil, Petroleum.
Danger in Filtering Gasoline **170**, 856.
Gasoline, Rating, by Octane Numbers. V.H. Godfrey and R.R. Gurley **365**, 969.
Gasoline, Synthetic: An Amazing Demonstration of Water as Fuel. E.P. Jessop **397**, 385. **420**, 252.
Gasoline Engines: See: Engines (Internal Combustion).
Gasoline Tanks: See also: Tanks, Gasoline.
Story of Self-Sealing Tank. E.H. Eckelmeyer, Jr. **516**, 205.
Gaspee (Br.): Destruction **409**, 347.
Gaster, G.E.: Small-Plant Condensers **266**, 650.
Gastrock, B.A.: Postwar Snorkel Developments (ProfNotes) **704**, 143.
Gatacre, G.
Make a Signal (anec) **701**, 35.
Soldier's Farewell (anec) **631**, 1015.
Gatch, T.L. **292**, 714. **326**, 335. **336**, 279. **345**, 1591. **349**, 450. **350**, 600. **354**, 1214. **355**, 1361. **363**, 745. **423**, 733.
Another Navigation Method **344**, 1386.
Associate Editor **340**, 858.
Court of Inquiry **267**, 797.
How Peace **331**, 820.
Mooring Board Problem **271**, 1716. **274**, 2339.
Naval Mind **387**, 617.
Neglected Navigational Short Cut **374**, 532, 545.
Our Weakest Link **289**, 267.
Status of Retired Officers **456**, 231.
Gatch, T.L., Jr.: Light for America's Blindspot **536**, 1215.
Gates Commission **829**, 38.
Gatewood, Richard: The Theory of the Deep-Sea Wave **24**, 223.
Gatewood, Richard D.
and Oman, Charles M.: Ventilation of Modern Battleships **147**, 993.
Approximate Dimensions for a "Compromiseless" Ship **118**, 571.
Checking in; with special reference to ship yards, illus. **139**, 1019.
Evolution of Lead-lined Piping on Shipboard, illus. **140**, 1177.
The Industrial in Modern War **163**, 757.
Military Preparedness **151**, 631.
More Light on Shipboard **136**, 1059.
The Motor Drive, illus. **134**, 507.
Remarks on Screw Propulsion **117**, 165.
Sea Power and American Destiny **296**, 1076.
Gathman Gun **101**, 149.
Gathmann, E.: Torpedo Safety Devices **96**, 629.
Gathmann Shell **82**, 377.
Tested **90**, 451.
Gathmann Torpedo Gun **96**, 694.
Gatling, R.J.: The Gatling Gun **29**, 261.
Gatling Gun **835**, 70.
R.J. Gatling **29**, 261.
The Improved Gatling Gun **76**, 916.
Gato (U.S.): Bush Navigation in the Solomon Islands. C.F. McGivern **852**, 68.
Gatty, H.
Accuracy in Aërial Dead Reckoning **381**, 1561, 1601. **385**, 407.
Historic Sextant **428**, 1439.
Gaulois (Fr. cruiser): Torpedoed **168**, 410.
Gault, H.S.: Certified Expendable, USMC (anec) **585**, 1167.
Gaunt, R.H.: Death Sentence Commuted (anec) **710**, 69.
Gautreau, J.B.
Admiralty Against Battleships **262**, 2076.
Aircraft Carriers **306**, 707.
America and Armaments **341**, 974.
France's Naval Rights **248**, 1716. **322**, 1070.
French Cruiser Fleet **257**, 1146.
French Destroyers **263**, 115. **313**, 238. **315**, 449. **318**, 720.
French Naval Notes **252**, 275. **253**, 455. **254**, 632. **255**, 809. **260**, 1714. **264**, 290. **317**, 632.
French Naval Policy **314**, 329.
French Navy Army Auxiliary **256**, 983.
Germany's Bid for Seapower **258**, 1327.
Mines-French, English, Italian Views **313**, 237.
Pre-War Theme and Weapons **259**, 1528.
Speed Governs Mediterranean Strategy **314**, 331.
Submarines, Large or Small **260**, 1716.
Turrets, Quadruple **266**, 626. **301**, 226.
Zeppelins, Triumph of. **263**, 117.
Gavian, P.W. **605**, 788.
Gavrilof, I.A.: Airplane on Board Submarine **383**, 17.
Gay, Donald, Jr.: Visit Scenic Orlieto (anec) **727**, 79.
Gay, J.B., Jr.: Mrs. O'Neill's Son, Johnny (anec) **659**, 17.
Gayer, A.: German Submarine Operations in War **278**, 621. **282**, 1572.
Gaylor, D.H.: Cannabis (ProfNote) **814**, 97.
Gear Drive: Efficiency of Various Types **247**, 1536, 1544. **250**, 2096.
Gearing, H.C.: A Note on Navigation **123**, 941.
Gearing
Gearing and Hydraulic Couplings, Vulcan. G.J. Sprague **335**, 105.
Vulcan **253**, 476. **329**, 650.
Geberth, F.W.: Victory in Limited War (Parnell) (C&D) **800**, 118.
Gebhard, J.W. (Co-author): See: R.M. Hanes.
Geddes, J.A. **696**, 108.
Geddes, John **710**, 114.
Gehman, H.W. **707**, 121.
Gehres, L.E.: Navy Cruises Inland **330**, 727.
Geier (Ger.), later Schurz (U.S.) **379**, 1279. **386**, 496.
Geier (SMS) **343**, 1210.
Geiger, G.J.: French Polaris (ProfNote) **790**, 141.
Geisinger, David: Cruise to Orient in the Peacock and Boxer 1832-1834: **135**, 716.
Gelatine Dynamite. C.E. Munroe **18**, 486.
Gelfand, L.E. **725**, 120.
Gelke, J.J.
Classification of Maritime Administration Vessels (ProfNote) **777**, 133.
Image of Command (Edwards) (C&D) **816**, 84.
Individual Approach in Career Counselling (C&D) **815**, 87.
USS Spruance (DD-963) (Pict) **880**, 80.
Wartime Training for Merchant Marine Officers (Schute) (C&D) **821**, 98.
What's in a Name? (C&D) **833**, 102.
Gell, C.F., and M.C. Shelesnyak: Low-Pressure Chamber and Aviation Training **500**, 1243.
Geller, Paul: Cinderella Carriers (Evans and Palmer) (C&D) **895**, 93.
Gellner, J. **671**, 111.
Polish Road to Socialism **671**, 69.
Spiritual Forces and Revolution in Eastern Europe **659**, 45.
What Went Wrong in Hungary? **652**, 591.
Gelm, G.E.
Admirals and the Viceroy (OldNav) **840**, 82.
The Empress Sought a Navy (OldNav) **806**, 90.
Gena (SS): Sunk by torpedo plane **172**, 1334.
Genders, R.A.
A2F Intruder--May 1961 Cover.
F4H-1 Phantom II--January 1961 Cover.
General Armstrong (U.S.) **410**, 503, 551.
Figurehead **434**, 502.
Guns, Diplomacy, and Litigation. C.M. Robinett **573**, 1225.
Sea Fight at Fayal (OldNav). R.J. Hanks **777**, 157.
General Electric Company **339**, 687. **341**, 976.
Photos of shops at Schenectady **134**, 522.
General George S. Simonds (U.S.): See: "Hot Foot"--the Story of a Ship.
General Greene (U.S.) **478**, 1717.
See also: Farenholt, A. **128**, 1279.
General Line Course **307**, 821.
General Monk (HMS) **306**, 647.
and Hyder Ally (U.S.) **432**, 231.
General Order 99 (C&D) **675**, 100.
General Pershing (Schooner): Young America. S.E. Moses, illus. **192**, 233.
General Rusk (CSS): See: Blanche.
General Sherman (Schooner): Loss of, on Korean coast **140**, 1145.
General Staff: War Staff Idea Afloat. H.J. Wright **274**, 2298.
General William M. Black (U.S.): Magic Carpet **687**, 103.
Genesee (U.S) **412**, 810.
Geneste, M.E.
Danger from Below **693**, 33.
The Fence and the Defense **728**, 30.
U.S. "Strategies" and Continental Europe **740**, 35.
Vietnam...A New Type of War? **783**, 66.
Geneva
Road to Geneva **628**, 700.
Spirit of Geneva. W.C. Hogan **642**, 797.
Geneva Conferences
Arms Traffic, 1925: **269**, 1315. **270**, 1566.

Geneva Conferences (Cont.)
Economic, 1927: **293**, 816.
Limitation of Armaments **279**, 930. **280**, 1261. **282**, 2634. **286**, 1584. **287**, 83. **316**, 549.
Naval, 1927: **292**, 735. **293**, 815. **294**, 893, 926, 933. **295**, 1021, 1037. **296**, 1120, 1133.
Opium, 1924: **263**, 164.
Trade, 1927: **297**, 1236.
Tri-Power, 1927: **305**, 572.
Geneva Conventions
Geneva Conventions--the Broken Rules. W.J. Landen **840**, 34.
Genèva Conventions in the Shadow War. G.M. Haight **787**, 43.
P.O.W. Treatment: Principles Versus Propaganda. J.H. Chafee **821**, 14.
Genghis Khan: Riders of the Whirlwind. G.A. Hardwick **655**, 978.
Genoa Economic Conference, 1922: **229**, 513. **231**, 855. **232**, 1061. **233**, 1251.
Genoa, Italy: Andrea Doria: Soldier of the Sea. Brown Taylor **823**, 47.
Gent, W.N.: Carrier ASW Pilot Motivation (C&D) **790**, 99.
Geoghegan, W.E. **728**, 130.
Geographic Names, Foreign, on Mariner's Chart. J.B. Hutt **515**, 39.
Geography
Geography, Strategy, and SALT (C&D) **895**, 83.
Geography, Technology, and Military Policy. W.H. Hessler **530**, 379.
More and Better Geography Needed. W.H. Hessler **682**, 40. **690**, 114.
Naval Geography. J.B. Bernadou **49**, 387.
Navies in War and in Peace (Part 1). S.G. Gorshkov **851**, 18, **854**, 98. **856**, 94, 96, 97, 98. **859**, 87.
Political Geography: Policy and the Political Geographer. P.R. Winters **802**, 57. **810**, 96, 97.
Geomagnetism (ProfNote). Elliott Roberts **727**, 128.
Geophysical Ships (Rus): First Soviet Geophysical Ship (Nbk) **731**, 142.
Geopolitics **690**, 114, 115.
Antarctica--White Continent of Promise. A.C. Miller, Jr. **714**, 45.
China: Nuclear Dragon. Scott Allen **832**, 43.
East Africa: Bastion for the Western World. W.H. Hessler **697**, 42.
Geopolitical Relationships, U.S./Asia: The Near West. H.W. Bergbauer, Jr. **808**, 47. **816**, 84.
Geopolitics for America. W.H. Hessler **493**, 245.
Mediterranean, Bridge or Barrier? I.W. Zartman **768**, 63.
Must We Live in Fear? G.H. Miller **605**, 759. **611**, 91.
The New Geopolitics. Craig Hosmer **846**, 18.
Seapower and Geopolitics **684**, 97.
Seapower and Geopolitics in the Missile Age. R.L. Beavers, Jr. **676**, 41. **678**, 102.
George, H.C.: Surface Warfare Officers: the Need for Professionalism (Hart) (C&D) **885**, 75.
George, J.L.: Maintaining a Western Carrier Capability **896**, 30.
Georges Philippar (SS) **353**, 1083.
Georgetown University **224**, 1637.
George Washington (U.S.) **280**, 1147. **348**, 292. **356**, 1531.
See also: Cover Pictures--June 1959 and Farenholt, A. **128**, 1279.
The 598 Overhaul (NewNav). R.B. Sims **743**, 150.
Overhaul Ended on Polaris Sub (Nbk) **758**, 171.
Signal Code of the. **143**, 1042.
George Washington Park Custis (U.S.): Birth of the Aircraft Carrier (Old-Nav). W.T. Adams **770**, 162.
Georgia (Con.) **458**, 534.
Georgia (SS) **346**, 1719. **347**, 128. **352**, 933. **353**, 1082. **355**, 1380. **356**, 1530.
Georgia (USS): Turret explosion, 1907: **124**, 1532.
Georgic (SS): Story of the capture of the Georgic by German raider **172**, 1340.
Geo-Strategy: Gibraltar: Monument to Seapower. Jac Weller **824**, 27. **828**, 106. **829**, 101. **840**, 94.
Gerber, R.
Choice of Career within Navy **604**, 621. **616**, 690.
Engineering Duty Officer in Navy Today **589**, 293. **594**, 906.
Engineering Duty Officers: the Dwindling Muster (C&D) **761**, 117.
Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **809**, 99.
Survival of Navy Medicine (Custis) (C&D) **862**, 81.
Gere, W.B.: Ocean Current Riding (C&D) **761**, 123.
Gerfaut (Fr) **330**, 755. **342**, 1110. **347**, 126. **350**, 616. **354**, 1224. **357**, 1675.
Gerhart, T.N.: Piloting Techniques (Pellock) (C&D) **827**, 85.
Germany
Air Force: German Remotely Piloted Bombs. C.H. Bogart **885**, 62. **892**, 93.
Allied Occupation **254**, 642. **261**, 1883. **285**, 2345. **275**, 177. **307**, 808.
And Keep Our Powder Dry. D.E. Cummings **507**, 555.
Army and Navy, Cooperation between. R.E. Krause **437**, 987.
Berlin Airlift, Navy Squadrons in. (Pict) **558**, 931.
Berlin Airlift Proved Unification Can Work. B.P. Mulready **565**, 283.
Berlin Situation. C. Anthon **614**, 385.
Cabinet changes **327**, 462. **331**, 874. **333**, 1055. **334**, 1157. **337**, 418. **342**, 1131. **344**, 1430. **346**, 1731. **353**, 1055.
"Cabinet of monocles". **354**, 1207.
Chequers Conference **342**, 1129.
Commerce, Foreign **228**, 280. **354**, 1587.
Conference at Paris Preliminary to London **343**, 1281.
Debts and Finances **324**, 168. **334**, 1157. **335**, 132. **336**, 275. **341**, 987. **343**, 1280. **344**, 1428. **345**, 1595. **347**, 141. **348**, 307.
Disarmament **253**, 457. **259**, 1531. **260**, 1718. **345**, 1569. **347**, 119. **357**, 1659, 1671, 1676. **358**, 1810.
Doenitz, K.: Last Fuehrer. L.W. Seagren **615**, 523. **620**, 1157.
Domestic Affairs **207**, 793. **247**, 1508. **250**, 2121. **251**, 145. **264**, 346. **290**, 495. **305**, 622.
The Dreadnought Gap. Leonard Wainstein **763**, 78. **766**, 133.
East Germany--Profile of a Reluctant Satellite. Andrew Gyorgy **700**, 50.
Elections **350**, 599. **351**, 754. **353**, 1056. **355**, 1359. **357**, 1661. **358**, 1812.
Emergency Decrees **348**, 309.
Europe Since Armistice. J.M. Creighton **221**, 1042.
Evolution of Great Powers. H.R. Stevens **587**, 69.
Experiments with Remote Control during Last War. A.E. Sokol **492**, 187.
Federal German Navy
Fast Patrol Torpedo Boats Planned for. (C&D) **798**, 113.
Submarine Pressure Dock for the. (C&D) **795**, 107.
Field Marshal von Rundstedt **702**, 105.
Foreign Relations **249**, 1897, 1899.
Foreign Ships Building in 1899: **91**, 698.
For Honor of Flag. E. Snow **346**, 1661, 1704.
France **207**, 790. **330**, 772. **343**, 1280. **345**, 1567. **349**, 431. **350**, 617.
German Articles in the Proceedings **651**, 555.
German Command and Staff College (ProfNote). S.C. Belechak and W.R. Hand **802**, 147.
German-Danish Maneuvers (Nbk) **834**, 119.
The German Inspiration and Its Results **153**, 1529.
German Naval Construction, The Development of. H.J. Ziegemeier, Tr. **96**, 675.
German Occupation of the Rhineland. D.P. Yeuell, Jr. **633**, 1205.
German Shipyards Maintain No. 2 Position in World (Nbk) **809**, 132.
Good-will Visits **344**, 1429. **345**, 1587. **346**, 1710, 1731. **354**, 1225.
Historic Parallel of Interest. J.F. Dahlgren **352**, 890.
Hitler, Adolf **348**, 287, 309. **353**, 1075.
Some Personal Recollections of. H. Assmann (R.E. Krause, Tr.) **610**, 1289.
Industries **215**, 96. **218**, 579. **278**, 745.
Internationalization of German Rivers **200**, 1772.
Japan: And Your Task, Dear Partner. R.M. Langdon **578**, 365.
Kiel: Grand Fleet **335**, 31.
Kiel Canal **230**, 650.
Liberty Law **324**, 169.
MLF: A German Point of View. F. Ruge **763**, 42.
Naval Aviation
German Naval Aviation (Nbk) **763**, 164.
German Naval Aviation (ProfNote). E.C. Fisher **746**, 136.
Naval Policy
Does Germany Need a Fighting Fleet? 1911: **139**, 1046.
German Fleet in the Far East, 1911: **138**, 630.
German Navy Leagues; Plans and Policy, 1912: **141**, 317.
Germany Against a Cessation of Building, 1913: **150**, 514.
Showing the Flag in Foreign Countries **150**, 512.
Naval War College: See: Luce, S.B. **135**, 688.
Nuernberg Trials: Operation Justice. A. Talerico, Jr. **531**, 509.
Operation Sea Lion: Decision Without Battle. S.T. Possony **520**, 761.
Operation "Sea Lion." K. Assmann. (R.E. Krause, Tr.) **563**, 1.
Parties, Political **347**, 142. **349**, 448. **352**, 906. **353**, 1075. **356**, 1510.
Poland **337**, 416.
Polish Corridor. B.R. Ware **343**, 1238.
Prussia **354**, 1207. **355**, 1358. **357**, 1662. **358**, 1812.
Racial Characteristics and Fighting Capacity of the German. R.E. Krause **562**, 1381. **566**, 439. **570**, 912. **574**, 1372.
Reich Calls a Hand. G.J.B. Fisher **336**, 203.
Revolution
The Revolution in Germany **190**, 2897.
Rival Governments in Bavaria **195**, 858.
Sparticide Revolt, Jan. 1919: **192**, 298.
Rhine Crossing: "One More River to Cross." W. Karig and S.L. Freeland **512**, 1193, 1223.
Ruhr District **241**, 531. **242**, 713. **243**, 886. **245**, 1229. **250**, 2064.
Saar Basin Negotiations **323**, 80.

Tariff: Austria **339**, 697. **341**, 985. **340**, 844. **345**, 1586.
United States **333**, 1056. **344**, 1414. **349**, 448.
Whither Germany? R.E. Krause **617**, 755.
Germany--Aeronautics
Budget for Aeronautics, 1913: **147**, 1336.
Building Dreadnought "Zeppelins" **155**, 284.
Development of Aviation in Germany, 1914: **152**, 1249.
Expenditure for Aeronautics to 1911: **138**, 667.
First Attempt to Use Aircraft in German Naval Maneuvers **135**, 866.
First Naval Zeppelin, 1912: **144**, 1690.
German Admiralty Orders Curtiss Planes, 1911: **138**, 630.
German Air Fleet in 1913: **146**, 887.
German War Planes in 1914: **151**, 909.
Germany Building Transatlantic Flyers, 1919: **191**, 98.
Germany to Build 5000 Planes, 1918: **181**, 602.
Peace Treaty and German Aviation **198**, 1420.
Germany--Army **255**, 816. **260**, 1720. **267**, 878. **285**, 2346. **286**, 2635. **289**, 355.
Age of German Generals, 1914: **155**, 224.
General Staff of the German Army. Carey Brewer **636**, 157.
German Army at Close of 1913, Compared with French Army **151**, 834.
Hitler and the German Officer Corps. Kurt Assmann and R.E. Krause **639**, 509.
Hitler Versus His Generals in the West. Martin Blumenson and James Hodgson **646**, 1281.
Illustration of German Army Auxiliary Motor Car **156**, 521.
Military Training of Youth of Germany **157**, 920.
Operation Walküre. V.R. Carlson **688**, 75.
Strength, 1912: **143**, 1121.
With Rommel Before Normandy. F. Ruge **616**, 613.
Germany--Navy
Administration
The German Organization. T.G. Roberts **146**, 502. **148**, 1723.
Plans for Organization of General Staff **110**, 436.
Reorganization of High Seas Fleet, 1908: **128**, 1327.
Stirling, Yates **146**, 464.
America and German Navy. C.F. Goodrich **252**, 208.
Amphibious Craft **643**, 999.
Aviation, German Naval. E.L. Barker **569**, 731.
Bonn Hospital Ship to South Vietnam (Nbk) **757**, 160.
Budget **335**, 113. **342**, 1110. **344**, 1413. **345**, 1569. **353**, 1075.
Bundesmarine in Retrospect (ProfNote). C.P. Lemieux **701**, 128.
Construction **211**, 1499. **229**, 457. **239**, 150. **264**, 297. **265**, 471. **282**, 1598. **294**, 888. **301**, 238. **308**, 928. **325**, 244. **336**, 256. **337**, 403. **342**, 1110.
Cost of the Navy 1901-1914: **150**, 515.
Cruise of German Raider Atlantis, 1940-1941. R.S. Pattee **562**, 1323.
Cruise of Schiff 45. A.E. Sokol **579**, 477. **581**, 763.
Death of Fleet. J.B. Brown **457**, 345.
Destruction of Zeppelin L.53. S.W. Roskill **690**, 71. **693**, 111. **700**, 95.
Development **231**, 737. **255**, 817. **258**, 1327. **261**, 1880. **275**, 129. **279**, 967.
Exploits and End of Battleship Bismarck. T.G.F. Bidlingmaier **665**, 77.
Factors in Growth of Reichsmarine (1919-1939). W.A. Wiedersheim III: **541**, 317.
Fighting Value of the German Navy, 1913: **148**, 1736.
404 Days! War Patrol Life of the German U-505. H.J. Decker **685**, 33.
German Buildup of Naval Power (Nbk) **751**, 154.
German Docks and Yards in 1907: **123**, 1297.
German Dockyards and Bases, 1917: **174**, 1779.
German Fleet Organization, 1914: **153**, 1564.
A German Harbor in Holland **153**, 1490.
The German High Seas Fleet in 1917: **174**, 1773.
German Naval Bases, 1911, in Hoygaard, W.: War Between England and Germany **137**, 106.
German Naval Reserve. H.J. Ziegemeier **147**, 906.
German Naval Strategy Across Two Wars. Friedrich Ruge **624**, 153.
German Naval Strategy in 1914: W. Chamberlin **451**, 1277.
German Naval Strength (Personnel), 1914: **154**, 1800.
German Naval Support Techniques in World War II. R.O. Stratton **613**, 257.
German Navy. G. von Koblinski **364**, 815.
German Navy in the Making **163**, 933.
German Navy May Get Phantoms (Nbk) **811**, 100.
German Navy Ready for War with France or England, 1913: **150**, 516.
German Navy Under Joint Command in World War II. R.E. Krause **535**, 1029.
German North Sea Fleet, 1910: **134**, 602.
German Radio Stations
1911: **138**, 629.
1913: **150**, 597.
German Side of the Channel Dash. H.J. Reinicke **628**, 637.
German Submarine Sinks U.S. Blimp **659**, 96.
German Submarines in the Far East. A.W. Saville **702**, 80.
German Submarine Training in 1914: **151**, 836.
German Surface Force Strategy in World War II. H.J. Reinicke **648**, 181.
German U-Boat Construction. Karl Heinz Kurzak **626**, 375.
Growth of the German Navy 1888-1913: **148**, 1737.
Hipper Centenary (Nbk) **727**, 148.
The High Seas Fleet in 1914: **153**, 1489.
History of World War, German Naval. R.E. Krause **397**, 321.
How Many U-Boats Have Been Sunk? R.M. Grant **465**, 1598.
in 1903: **109**, 216.
Internal Guidance in the Bundeswehr--A Modern System of Human Resources Management (ProfNote). E.H. Lorenz **869**, 100.
Japanese-German Naval Collaboration in World War II. J.W. Masland **552**, 179.
Kiel, 1918. Beda von Berchem **365**, 999.
Last of the Prinz? (ProfNote). W.I. Milwee and P.W. Wolfgang **862**, 119.
Last Sortie of German Fleet. D.D. Mercer **363**, 671.
Leadership on Board the Raider Atlantis. Bernhard Rogge **720**, 40.
Live Men Do Tell Tales (U-852 and Peleus). R.M. Langdon **587**, 17.
Man Who Hid the Cruiser Dresden. Karl Baarslag **689**, 61. **698**, 111.
Marineschule Mürwik--Naval Academy of the Federal German Republic (ProfNote). Karl Peter **712**, 140.
Minesweepers, German, in World War II. F. Ruge **595**, 995.
Mutinies, World War **439**, 1287.
Mutiny at Kiel, 1918: **405**, 1611.
Mutiny at Wilhelmshaven, Aug. 1918: **187**, 2095.
Mutiny, 1918 German Naval. W. Husen **377**, 934.
Mutiny of 1918: **235**, 1583.
Murmansk Run, German Attacks on. **608**, 1133. **598**, 1327. **617**, 809.
Naval Academy: Making Naval Officers in Germany. C.R.W. Thomas **419**, 39.
Navy, Hitler, and Nazi Party. Erich Raeder **686**, 43.
Navy League
The League in 1913: **151**, 837.
Navy League Influence in 1913: **150**, 508.
The Navy League's Demands, 1914: **152**, 1184.
Notes **201**, 1935. **203**, 141. **205**, 482. **209**, 1146. **210**, 1299. **212**, 1652. **223**, 1429. **224**, 1624. **235**, 1581. **236**, 1792. **239**, 143. **242**, 682. **244**, 1018. **247**, 1506. **266**, 628. **282**, 1600. **283**, 1826. **289**, 355. **303**, 400, 425. **343**, 1263. **353**, 1075. **354**, 1225. **355**, 1374.
Oesel Expedition. B. von Berchem **370**, 1720.
Officer Personnel Selection in German Navy, 1925-1945. W.A. Wiedersheim III: **530**, 445. **533**, 839.
Overland Transport of German Ships During World War II. Friedrich Popp **623**, 27. **631**, 1045.
Personnel
Engineer and Executive Officers in 1908: **128**, 1328.
Health and Discipline of German Personnel, 1905: **117**, 333.
Increase in German Naval Personnel, 1912: **142**, 755.
Personnel of German Navy in 1911: **139**, 1047.
Status of Fleet Engineers **145**, 373.
Strength of Personnel, 1902: **101**, 102. **103**, 633. 1903: **108**, 972. **109**, 216. 1904: **110**, 435. **112**, 846. 1906: **118**, 717. **119**, 1123. 1911: **137**, 288. 1913: **147**, 1336.
What Will Become of the German Naval Officers? **193**, 421.
Pocket Battleship Value **344**, 1414.
Policy **308**, 923. **312**, 145. **314**, 328.
Postwar German Navy and Its Mission. Friedrich Ruge **656**, 1035.
Program
1902: **101**, 99. **102**, 329. **104**, 634.
1903: **105**, 252. **108**, 972.
1904: **110**, 433. **111**, 633.
1905: **112**, 846. **113**, 203. **114**, 494. **115**, 708.
1906: **117**, 331. **118**, 715. **119**, 1121. **120**, 1578.
1907: **121**, 399. **123**, 1293, 1300. **124**, 1515.
1908: **125**, 336. **126**, 703. **127**, 1053.
1909: **130**, 575. **132**, 1278.
1910: **133**, 271. **134**, 601. **135**, 864. **136**, 1155.
1911: **137**, 286. **138**, 630. **140**, 1421.
1912: **141**, 311, 317. **142**, 755. **143**, 1120.
1913: **145**, 372. **146**, 846.
1914: **149**, 205. **150**, 479, 510.
1915: **155**, 181.
Promotion of Officers. M. Radom **415**, 1300. **429**, 1643.
Radar and the U-Boat. J.A. O'Connell **727**, 53. **738**, 123.
Reconstruction of the German Navy--1956-61. Friedrich Ruge **713**, 52.

Germany—Navy (Cont.)
Reconstruction of German Navy (Cont.) **724**, 122.
Report From Germany (ProfNote). S.H. Engel **652**, 675. **653**, 795. **656**, 1133. **659**, 134. **661**, 147. **663**, 146. **664**, 140. **669**, 135. **672**, 137. **678**, 154.
Saga of Modern Sea Raider. C.R. Brown **444**, 238. **446**, 617.
Scapa Flow
Ruge, Friedrich **682**, 76. **692**, 113.
von Berchem, B. **357**, 1583.
Scharnhorst-Gneisenau Team at Its Peak. Peter Handel-Mazzetti **642**, 852.
Sinking of the Scharnhorst. K.H. Peter **635**, 48.
Strategy, German Naval, in World War II. D.L. Kauffman **611**, 1.
Strategy of World War. J.W. Jamison **431**, 38.
Strength in War. H.C. Bywater **251**, 106.
Strength of German Navy (estimated), 1916: **164**, 1270.
Submarine, German, War Losses—Known Sunk, 1914-1918. R.M. Grant **419**, 66. **421**, 409. **424**, 889. **426**, 1183. **438**, 1187.
Submarine Action in World War I. R.H. Barnes **476**, 1440.
Submarine War, German. C.H. Spilman **532**, 683. **535**, 1107.
Supply Service, Naval, Germany's Secret. R.O. Stratton **608**, 1085. **615**, 573.
Three Aces—Trumped! Donald Macintyre **643**, 923.
Tirpitz Technique. F.G. Percival **439**, 1245.
Torpedo and Submarine Branches of the German Navy. R.R. Belknap **165**, 1485.
Torpedo Range Near Kiel **147**, 1357. **148**, 1734.
U-853, Last Chapter for. D.M. Tollaksen **694**, 83.
U-Boat Activities, Graphical Analysis of, 1917-18. W.W. Robertson **471**, 672.
U-Boat With Wings. R.D. Layman **782**, 54. **786**, 114. **788**, 110. C&D: **792**, 110.
Vessels Building
See also: Names of vessels.
1902: **101**, 100. **102**, 328. **103**, 633. **104**, 967.
1903: **105**, 251. **106**, 451. **107**, 747. **108**, 972.
1904: **109**, 215. **110**, 433. **111**, 633. **112**, 845.
1905: **113**, 203. **114**, 493. **115**, 708. **116**, 989.
1906: **117**, 331. **118**, 714. **119**, 1121. **120**, 1578.
1907: **121**, 398. **122**, 853. **123**, 1292. **124**, 1515.
1908: **125**, 335. **126**, 703. **127**, 1053. **128**, 1326.
1909: **129**, 289. **130**, 574. **131**, 957. **132**, 1277.
1910: **133**, 271. **134**, 600. **135**, 864. **136**, 1155.
1911: **137**, 286. **138**, 627. **139**, 1044. **140**, 1420.
1912: **141**, 311. **142**, 755. **143**, 1119. **144**, 1631.
1913: **145**, 371. **146**, 844. **147**, 1333. **148**, 1733.
1914: **149**, 205. **150**, 481, 485, 505. **151**, 835. **152**, 1182. **153**, 1488. **154**, 1795.
1915: **155**, 181. **156**, 527. **157**, 919. **158**, 1283. **159**, 1641. **160**, 2018.
1916: **161**, 227. **162**, 565. **163**, 933. **164**, 1270. **165**, 1630. **166**, 1973.
Vessels Lost, World War II: **521**, 1002.
Weapon That Came Too Late. A.N. Glennon **697**, 85. **703**, 102, 103, 104.
Zeppelins in the German Navy, 1914-18. D.H. Robinson **641**, 743.
Germs: Use in War **261**, 1927. **270**, 1566.
Gersh, Harry: Against All Enemies (Hanks) (C&D) **809**, 91.
Gertz, D.L.
Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 73.
Terrorist Weapons and the Terrorist Threat (ProfNote) **872**, 113.
Getchell, B.C.: Diagram for Great-Circle Sailing **479**, 62. **480**, 254.
Ghana
Ghana's Navy (ProfNote). James Stewart **747**, 148.
Red Trawler for Ghana (Nbk) **747**, 159.
Gherardi, C.R.: Value of Airplanes and Battleships **262**, 2081.
Gherardi, W.R. **287**, 78. **313**, 257. **371**, 99. **378**, 1137.
On Marvell's "Development of Method of Finding Line of Position." **145**, 226.
Pioneer Flight: St. Lucia, St. Vincent and Granada by Air **318**, 706.
Ghosts: The Maimyo and the Tricouleur. G.E. Robinson **664**, 85.
Ghurka (HMS): Description **124**, 1520.
Giambattista, M.D.
Captain Jeremiah O'Brien and the Machias Liberty (OldNav) **804**, 85.
Excerpt from "Captain Jeremiah O'Brien and the Machias Liberty," Feb. 1970: **872**, 41.
Polaris Duty: Pinnacle or Predicament (C&D) **777**, 108.
Gibbon, H.A.: Japanese Mandate for Philippines Proposed **339**, 700.
Gibbon, Lardner: Herndon, Maury, and the Amazon Basin. J.P. Reddick, Jr. **817**, 56.
Gibbons, A.S.: Black Shoes (anec) **605**, 735.
Gibbons, J.H.
Exterritoriality and Asylum **70**, 301.
Need of a Building Program for our Navy **106**, 321.
On size of battleships for U.S. Navy **106**, 435.
Gibbons, M.T.: Grand Slam (anec) **698**, 49.
Gibbons, W.G.: The Marine Ram as Designed by Rear Admiral Daniel Ammen **20**, 209.
Gibbs, B.F.: The Environment of the Man of the Sea **9**, 407.
Gibbs, H.H.: Southwest Passage? **794**, 64. **799**, 118. **800**, 104, 105.
Gibbs, R.H.
Palomares—Exercise in Ocean Engineering (C&D) **781**, 114.
Telegraphy's First Asiatic Cruise **374**, 495.
Gibbs, T.C.: Simple Method of Supply for Small Ships **488**, 1346.
Gibraltar **460**, 870.
American Squadron Leaving **344**, 1450.
Aviation **239**, 139. **337**, 413.
Don't Sell Gibraltar Short. R.A. Preston **574**, 1329.
Monument to Seapower. Jac Weller **824**, 27. **828**, 106. **829**, 101. **840**, 94.
Naval Battle, 1607: See: Cover Pictures—February 1960.
Naval Works at Gibraltar **150**, 530.
New Docks for Gibraltar, 1905: **118**, 742.
Pillars of Hercules. C. Moran **419**, 57.
Strength of Gibraltar. W.S. Pye **297**, 1160.
United States Submarine Chasers at Gibraltar, Nov. 1918. E.C. Raguet **406**, 1703.
Gibson, Baylor: The Universities; Trial by Fire **806**, 32.
Gibson, Charles C.
Leadership Is Not Enough **630**, 917.
Let's Put Away the Crying Towel **624**, 175.
Gibson, E.A. **671**, 111.
Leaders and Leadership **613**, 301. **620**, 1160. **622**, 1389.
The Military and Power in the United States (C&D) **751**, 111.
More About "Caste System" **559**, 1005.
Navy Enlisted Man **620**, 1093.
Gibson, H. **271**, 1735.
Gibson, H.S. **320**, 901.
Geneva Speech **316**, 532, 549.
Gibson, John: The Dygogram: Its Construction, Description and Use. **71**, 555.
Gibson, L. **359**, 147.
Log of War-Time Tramp **383**, 73.
Gibson, R.H.
After Jutland **293**, 774.
Suicide Squadron **359**, 57, 150.
Gibson, W.M.
Fleet Survey Ship **606**, 869. **610**, 1366. **613**, 336. **615**, 575.
Oceanic Adventurer. J.B. Musser **283**, 1709.
Giddings, R.L., Jr.
Arms Control, No Simple Answers **804**, 40.
Battle Management for Strategic Weapons Systems **815**, 49.
On Understanding War **785**, 26.
Gidson, A.K.: NAVSTAR Global Positioning System: Navigation for the Future (Holmes) (C&D) **894**, 63.
Giebeler Steel **101**, 141. **102**, 389.
Giese, C.E., Jr.
Dragging As Before **772**, 81.
Heartbeat of the Sea (ProfNote) **777**, 128.
Long Look at the Rules (C&D) **755**, 113.
Stop, Look, and Listen (C&D) **778**, 103.
Those First Impressions (C&D) **773**, 112.
Gihon, A.L.: Sanitary Commonplace Applied to the Navy **2**, 111.
Gil, E. **250**, 2126.
Gil, E.P. (Pres. of Mexico) **309**, 1023. **311**, 75.
Gilbert, F. **622**, 1401.
Gilbert, N.J.: British Submarine Operations in World War II: **721**, 73. **727**, 103.
Gilbert, W.V.: Aviation Signaling and Safety **294**, 889.
Gilbert, W.W.: Tr. Daugignac (Fr. general): Realities of Battle; Weaknesses, Heroisms, Panics **124**, 1403.
Gilbert Islands
Makin Island Raid. W. Karig and E. Purdon **524**, 1277.
Operation Galvanic: Assault on Tarawa (Pict) **609**, 1236.
Tarawa. J.C. Smith **609**, 1163.
Tarawa: "Semper Paratus." R.T. Leary **494**, 405.
Tarawa and Makin Area Century Ago. R.Z. Kirkpatrick **522**, 1072.
Gile, C.A.
Mount Hood Explosion **720**, 89.
Wires Crossed, Down Under (anec) **725**, 113.
Gile, R.H.: Fundamental Reason (anec) **695**, 75.
Gile Engine: Description **185**, 1607.
Giles, J.W.
Derelicts of the Sea (ProfNote) **837**, 114. **842**, 84.
The Lomonosov (ProfNote) **737**, 132.
Pleasure Boats and Oil Spills (C&D) **854**, 103.
Role of the Salvor **732**, 65.
"Vessel" or "Structure?" "Seaman" or "Member of the Crew?" (ProfNote) **827**, 107.
When Is a Vessel Unseaworthy? (ProfNote) **821**, 105.
Gilkeson, F.B.: Close Shaves or Collisions? (ProfNote) **698**, 129.

Gill, C.C. **320**, 887. **371**, 103. **424**, 894. **477**, 1611.
Brazil's Maritime Situation **280**, 1139.
New Far East Doctrine **235**, 1479.
Policy: Relation to War **212**, 1609.
Realism of Sea Power **367**, 1260.
Ships That Pass **311**, 44.
Gill, Charles C.
And Westcott, Allan F.: Trs. Bernotti, Romeo. Concentration of fire and the numerical strength of a division **150**, 403.
Personnel Reserve for the Naval Service **165**, 1589.
The Principle of Skill **157**, 857.
Rapidity of Gunfire **146**, 609.
State Naval Volunteers for the Reserve Fleets of the U.S. Navy **151**, 647.
Sub-Caliber Drill **145**, 87.
Gill, P.W. and R.A. Teel: Brighter Future for Carrier Aviation **609**, 1177. **614**, 451.
Gillespie, A. **464**, 1385.
Gillespie, James
Last of the Four-Pipers? (Langenberg) (C&D) **868**, 79.
Naval and Maritime Events, Jan.1974--June 1974 (Finkelstein) (C&D) **873**, 80.
Gillet, C.R.: The Glacier in Antarctica (ProfNote) **877**, 99.
Gillette, H.G.: USS Waccamaw--A New Oiler, in Part (ProfNote) **775**, 141.
Gillette, N.C.: End of Trail **244**, 914.
Gillies, L.A. **713**, 116.
Gilligan, A.E. **783**, 111.
Battle of Valcour Island (OldNav) **776**, 157.
Excerpt from "The Battle of Valcour Island," Oct. 1967: **872**, 33.
Gillman, H.: Effects of a Crosswind on a Projectile **159**, 1658.
Gillmer, T.C. **471**, 705. **510**, 957. **524**, 1351.
Book Review **782**, 106. **801**, 132.
Gillmor, R.E.: Theory and Operation of the Gyroscope and the Sperry Gyroscopic Compass, illus. **142**, 519.
Gillmore, J.C. **409**, 335.
Gillon, J.F. **314**, 356.
Naval Academy Flying Squadron **318**, 703.
Naval Patrol and Bombing Flying Boats **330**, 695.
Navigating Small Airplanes **350**, 506.
Gilma I: See: A.R. Larzelere. "Away the Prize Crew".
Gilman, L.: Glorified Bellhop (anec) **588**, 183.
Gilmer, F.H. **415**, 1319.
Device for Solving True Wind **274**, 2286.
Preparing An Advance Base **257**, 1073.
Psychology and Naval Officer **226**, 1909.
Psychology and Navy **215**, 77. **220**, 917.
Questions and Answers Concerning Airships **396**, 176.
Why Should United States Have Airships? **412**, 806.
Gilmore, F.C.: Publisher's Note (C&D) **892**, 92.
Gilmore, F.P.: Shipbuilding and Its Interests on the Pacific Coast **50**, 443.
Gilstrap, S.D.
Drink at Your Own Risk (anec) **851**, 33.
Only the Skipper Going (anec) **847**, 45.
Gingrich, J.E.
Meridian Altitude and Reduction Constants **298**, 1285.
Sidereal Time in Solution Star Sights **348**, 266.
Ginn, W.S.: Something New in Rudders **328**, 503.
Ginsburgh, R.H.: New Soviet Military Strategy (ProfNote) **731**, 122.
Ginsburgh, R.N. (Co-author): See: R.G. Colbert.
Giordano, Gene: Career Officer as Existential Hero (Deininger) (C&D) **820**, 93.
Giorgerini, Giorgio: Little Ships With Long Arms (C&D) **756**, 111.
Giorgio Averoff (Gr. cruiser): Description, plans **144**, 1653.
Giovanni delle bande nere (It) **337**, 402. **351**, 770. **352**, 927. **353**, 1076.
Giralda (SS): The Giralda Case **181**, 609.
Girault, A.N. **392**, 1397.
Girouard, P.H.
The Amphibians Came to Conquer (Baldwin) (C&D) **842**, 90.
Naval Gunfire Support (C&D) **785**, 95.
Gist, W.E. **385**, 407.
Giulio Cesare (It. battleship): Illus., description; trials **149**, 226.
Giuseppe Garibaldi (SS): Destroyed by Bomb **187**, 2199.
Given, D.W.
Book Review **865**, 89.
Sea of Okhotsk, U.S.S.R.'s Great Lake? **811**, 46.
Givens, H.L., Jr. **524**, 1347.
Glacier (U.S.)
See: Cover Pictures--November 1956.
Glacier in Antarctica, The (ProfNote). C.R. Gillett **877**, 99.
Gladden, C.T.S.: Uses of Aircraft in Naval Warfare **312**, 121. **318**, 712.
Gladding, E.B. **512**, 1231.
Gladiateur (Fr.) **350**, 617. **351**, 768.
Gladiator (HMS): Salvage of. **127**, 1061. **128**, 1330.
Glasgow (Br.) **433**, 389. **437**, 1041.
Launched; description **132**, 1281.
Trials, description **135**, 874.
Glasky, J.F. **554**, 471.
Glasow, R.D.: The Spirit of '76: **881**, 25. **888**, 82.
Glass, Henry
Marine International Law **34**, 355.
Naval Administration in Alaska **52**, 1.
Some Suggestions for Manning our Future Naval Vessels **37**, 41.
Glassman, D.: Prophet of Blitzkrieg **459**, 683.
Glass Reinforced Plastic Minehunter for Royal Navy (Nbk) **813**, 101.
Gleason, Duncan: Cabrillo Discovers Santa Catalina--August 1959 Cover.
Gleason, E.H.: Advance of Naval Preventive Medicine **661**, 66.
Gleason, Moriece: How Soucek Broke the Record **662**, 33.
Gleason, R.E.: Skeptical Steward (anec) **672**, 64.
Gleaves, A.
Amorphous Cellulose **49**, 383.
Elementary Naval Tactics. W.B. Hoff (Rev) **71**, 649.
The Fletcher Rapid-fire Breech Mechanism **71**, 605.
Gun-making in the United States (Rev) **45**, 465.
The Gun of the Amiral Duperre **49**, 392.
The Howell Torpedo **73**, 125.
The Influence of Range-Finders Upon Modern Ordnance... **62**, 259.
Krupp's Trials of a New Powder, Tr. **49**, 389.
Method of Registering the Rotation of Shot by Photography, Tr. **50**, 515.
The Naval Ordnance Proving Ground **50**, 451.
The Problem of Torpedo Discharge **74**, 339.
Photogrammetry (Rev) **73**, 193.
A Proposed Non-Sinkable Battleship... (tr.) **46**, 599.
The Result of the Bombardment of Alexandria **22**, 549.
Gleaves, Albert **237**, 1945, 2003. **238**, 2208. **242**, 729. **263**, 173. **267**, 882. **271**, 1806. **287**, 120. **288**, 243. **315**, 468. **347**, 144. **352**, 909.
Affair of Blanche **236**, 1661.
Bagdad Railway and Why It Is of Interest to the U.S. **142**, 499.
Close Call **286**, 2470.
Cost of Building a Battleship in a Navy Yard **162**, 439.
Dedication of St. Nazaire Memorial **287**, 13.
De Haven Arctic Expedition **305**, 579.
Leadership **347**, 9.
An Officer of the Old Navy: Rear Admiral Charles Steedman, USN (1811-1890): **145**, 197.
On American Naval Policy **113**, 182.
Some Foreign and Other Views of War and the Study and Conduct of War **153**, 1301.
United States Naval Home, Philadelphia **338**, 473.
Glenart Castle (Br. hospitalship): Sunk **182**, 919, 924.
Glennon, A.N. **699**, 123, 124. **703**, 111. **723**, 114. **728**, 121.
Approach to ASW **739**, 48.
Collision Imminent (anec) **722**, 131.
Nationality Counts (anec) **657**, 1199.
Needed: More Professionals **715**, 59.
Perennial Fallacy **694**, 55.
Practicalities of Sonar Range Prediction (ProfNote) **745**, 128.
System Can't Be Beat (anec) **671**, 53.
These Fancy Modern Designs (anec) **656**, 1062.
Ultimate Efficiency (anec) **664**, 35.
Uncertain Echo (ProfNote) **659**, 135.
Weapon That Came Too Late **697**, 85. **703**, 102, 103, 104.
Glennon, J.H.
Dispersion and Accuracy of Fire **144**, 1605.
The Elastic Strength of Guns **73**, 175.
A Method of Finding the Elastic Strength of a Metal with the Riehle Hydraulic Testing Machine **45**, 453.
Powder in Guns **52**, 21.
Shrinkages (applying Clavarino's Equations) **78**, 447.
Velocities and Pressures in Guns **45**, 395.
Velocity of Combustion of an Explosive under Variable Pressure **68**, 449.
Glickman, T.W.: Task Force 77 in Action Off Vietnam (Cagle) (C&D) **835**, 90.
Gliders
Germany **354**, 1235.
Gliding and. **335**, 137.
Gliding Experiments at the Naval Academy (OldNav). C.G. Halpine **824**, 78.
Launched by Los Angeles **326**, 351.
Records **227**, 129. **236**, 1816. **241**, 508.
Up, Up, and Away...Backwards. J.S. Sproule **833**, 56.
Glitra (SS) **201**, 1938.
Gloire (Fr.) **350**, 616. **352**, 924. **356**, 1524.
Glorious (HMS) **318**, 730. **320**, 900. **324**, 148. **328**, 557. **336**, 264. **344**, 1421. **348**, 213. **351**, 763. **353**, 1087. **357**, 1675.
Glorizia (RIN) **337**, 402.
Glory of the Seas (ship) **231**, 824.
Gloucester (HMS)
Launched; description **132**, 1281.
Trials; description **135**, 875.
Gloucester (USS) **292**, 661. **337**, 426.
Filibuster **309**, 1034.
Gloucester at Santiago. L.J. Gulliver **306**, 658.
Log of the Gloucester **408**, 293.
Glover, C.D.: Private Property (anec) **669**, 33.
Glover, G. **693**, 106. **725**, 111.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **748**, 116.
Glover, R.O.
Hints on Handling a Destroyer **227**, 57.

Glover, R.O. (Cont.)
"Hydro" Charts War **527**, 27.
Gluntz, M.H.: Naval Construction on the Great Lakes **648**, 133.
Glycerine: Manufacturing Glycerine from Sugar **174**, 1860.
Glycerine Substitute, Butyrate as. **207**, 777.
Glynn, F.S., Jr. **680**, 103.
Glynn, James
Early American Visitors to Japan. C.W. Stewart **116**, 945.
Voyage to Japan in the Preble, 1849: **137**, 249.
Gnas, J.: Fence Ahead (anec) **578**, 409.
Gneisenau, Landing Party from, on March to Witu. W.H. Beehler, Tr. **39**, 625.
Gneisenau (Ger.): Scharnhorst-Gneisenau Team at Its Peak. P. Handel-Mazzetti **642**, 852.
Goad, T.W.
CAPE: A First for the Navy (ProfNote) **828**, 119.
Eight Worlds of TACDEW (ProfNote) **796**, 130.
Moonlighting Toward a Master's **786**, 59. **789**, 113.
Of Robotry and Readiness **796**, 45.
Seeing Is Believing (anec) **851**, 55.
Goat Island Torpedo Station: Half Century of Naval Administration. C.O. Paullin **147**, 1238.
Gob, What is a? **306**, 728.
Goddu, L.W., Jr.: IMCO, An Assistance to the American Merchant Marine **766**, 70.
Godefroy, P.: Not Too Near--Not Too Far (C&D) **772**, 107.
Godefroy, P.L.: Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 76.
Godfrey, Arthur **642**, 883.
Godfrey, J.E. (BkRev) **788**, 115.
Godfrey, T. **450**, 1140.
Godfrey, V.H.
and Gurley, R.R. **365**, 1090.
Destroyer Division Commander's Inspection **274**, 2292.
Form H for Destroyers **298**, 1290.
History of Leech Tennis Trophy **322**, 1039.
Newest Navigation **292**, 680.
Permanency of Personnel **386**, 529. **389**, 1005. **391**, 1309.
Rating Gasoline by Octane Numbers **365**, 969.
Straw That Breaks Camel's Back **341**, 944.
Goeben (Ger.) **230**, 531. **235**, 1647. **246**, 1346. **311**, 44. **312**, 89. **315**, 475. **320**, 887. **351**, 701, 795. **357**, 1647. **800**, 122.
See also: Yavouz Sultan Selim (Turk.)
Exploits of the, 1914: **153**, 1573. **155**, 260.
German Version of the Chase of the Goeben **157**, 1013.
Goeben and Breslau. S.F. Bryant **178**, 2833.
The Goeben Reappears **160**, 2141.
The Goeben's Escape: a German Version **162**, 663, 665.
Illustration, description **143**, 1119.
Last Battle Cruiser (C&D). V.L. Collins **765**, 134.
Launched, description **138**, 628.
Refloated **182**, 931.
Goepner, O.W.: Grounds for Court Martial (anec) **607**, 979.
Goethals, George W.
Goethals a National Asset **175**, 2091.
Wooden Ship Controversy **173**, 1533.
Goff (USS) **264**, 246. **265**, 400.
Gokey, N.W. **334**, 1161.
Golan, Angelo: United States Navy for the Future (Smith) (C&D) **820**, 87.
Gold Ballast: War Patrol of USS Trout. J.L. Dettbarn **683**, 51. **689**, 94.
Goldberg, Alfred: Escalation: A Historical Perspective **760**, 56.
Goldberg, Norman (photog.): YP Boats Off the Naval Academy--October 1970 Cover.
Gold Braid, Case for. W. Winter **555**, 545.
Gold Dust Derby **559**, 989.
Golden, W.A.: Credible Incentive **737**, 75. **740**, 92, 94, 97. **742**, 107, 110, 111.
Golden Age of Navy Chaplaincy. W.W. Edel **256**, 875.
Golden Hind (Br.): See: Cover Pictures--December 1960 and Von der Porten: Our First New England.
Goldman, R.C.: View From the Bridge of the Sixth Fleet Flagship (Kidd) (C&D) **830**, 91.
Goldman, R.E.
Powering the New Navy: Marine Gas Turbines (ProfNote) **865**, 95. **869**, 80. **870**, 86.
To Build a Better Ship on Time (C&D) **765**, 128.
U.S. Spanish Base Rights Agreement and the Atlantic Alliance (C&D) **792**, 102.
Goldsborough, L.M.
Memorabilia of the Old Navy. C.F. Goodrich **112**, 823.
Narrative of Rear Admiral Goldsborough, USN. H.C. Baird **365**, 1023, 1091. **369**, 1669.
Goldsborough, W.L.: Aleutians--Their Strategic Importance **460**, 830.
Gold Standard
Discontinued by Denmark **345**, 1587.
England **345**, 1586.
Finland **345**, 1587.
Norway **345**, 1587.
Sweden **345**, 1587.
Gold Star--Flagship of the Guam Navy. J.U. Lademan, Jr. **850**, 67.
Goldsworthy, Frank: More Fun Than Fury in Fish War **696**, 58.
Goliath (HMS): The Goliath Disaster **158**, 1331.
Goltz, F. von der: View of von der Goltz on War. See: Darrieus, War on the Sea **126**, 527.
Gonzales, Jack: Norfolk Naval Supply Center (ProfNote) **720**, 138.
Good, J. **577**, 319, **579**. 539. **583**, 991.
Good, R.F. **402**, 1181.
Leadership of Men **221**, 1013.
Goode, Sanchez: Postscript to Palomares **790**, 48.
Good Hope (HMS): Trials **102**, 347. **105**, 259.
Goodman, Ben, Jr.
First Things First (anec) **680**, 61.
Sail, Dead Ahead (anec) **688**, 169.
Goodman, Richard French: See: Yankee Paymaster. R.J. Plumb.
Goodrich, C.F. **212**, 1645. **238**, 2205. **263**, 168. **265**, 514. **266**, 688. **274**, 2419.
Administration of Justice in the Navy **112**, 839.
Aids to Contentment in the Navy: a Home for the Fleet **123**, 905. **124**, 1357.
Alvarado Hunter: A Biographical Sketch **181**, 495.
America and German Navy **252**, 208.
American Naval Policy **115**, 693.
Another View of Alma Mater **131**, 631.
Battle Rehearsals **122**, 838.
Cable Cutting **109**, 109.
Camp of Sanitation at League Island, 1903: **110**, 289.
Closing Address at Naval War College 1897: **84**, 679.
Desertions in the Navy **116**, 811.
Desirability of a Uniform Type in Battleships **137**, 157.
Elements of Fleet Tactics **118**, 683.
Esprit de Corps: a Tract for the Times. Prize Essay, 1898: **85**, 1.
Excerpt from "The Sailor in the Revolution," No. 3, 1897: **872**, 22.
Farragut **250**, 1961.
The Fleet and Its Personnel **110**, 411.
For the Broader Study of Tactics **118**, 673.
The Founding of Our New Navy **184**, 1267.
The Frolic in the Baltic, 1867; a Reminiscence **156**, 473.
Historical Instances of Scouting **108**, 917.
Howe and D'Estaing: A Study in Coast Defense **79**, 577.
Hygienic Notes on Ship's Bilges **2**, 93.
In Memoriam **276**, 405.
Korea's Wardroom Mess **112**, 695.
Lecture on Scouts **107**, 569.
Memorabilia of the Old Navy **112**, 823.
The Money for the Navy **125**, 321.
Naval Education, Hon. Mention, 1879: **9**, 323.
Naval Intelligence During War **106**, 357.
Naval Raids: A Cursory Examination and a Concrete Example **86**, 321.
Navy's Paperwork **241**, 465. **246**, 1323.
Navy Yard Manufacturing Costs **148**, 1648.
Our Navy and the West Indian Pirates: A Documentary History **164**, 1171. **165**, 1461. **166**, 1923. **167**, 83. **168**, 313. **169**, 483. **170**, 683. **171**, 973. **172**, 1197. **173**, 1448. **174**, 1727. **175**, 2023.
The Princeton Naval Unit **197**, 1227.
Promotion by Selection **118**, 691.
Random Notes on a Lake Freighter **136**, 934.
Reorganization of the Naval Establishment **129**, 285.
The Sailor in the Revolution **83**, 469.
School of the Captain **129**, 119.
Scientific Ship Design **146**, 715.
Some Hints on Naval Tactics **125**, 320.
Some Points in Coast Defense Brought Out by the War With Spain **98**, 223.
The St. Louis as a Transport **89**, 1.
The St. Louis' Cable-Cutting **93**, 157.
Torpedoes: Their Disposition... **10**, 479.
Training Ships **102**, 277.
Truth About Naval Administration **115**, 698.
Two Episodes in Sicard's Life **258**, 1278.
U.S. Navy Department **114**, 478.
Goodrich, James: In VS, the Enemy Has Been Found and the Enemy Is Us (Chappell) (C&D) **886**, 87.
Goodrich Rubber Company **334**, 1143. **339**, 692.
Goodspeed, R.E.
Newly Emergent National (anec) **755**, 75.
What's It Like in a Wet Ship? **740**, 42. **743**, 104.
Good Will, Contribution to. R.M. Ihrig **301**, 182.
Good Will for Navy, Promotion of. G.W. Akers **380**, 1390.
Goodwill Tours: The Eagle and the 'Roo: American Fleets in Australian Waters. J.H. Moore **825**, 43.
Goodwin, C.A. **487**, 1238.
Goodwin, F.O., Jr.: Deep Six (anec) **684**, 105.
Goodwin, H.B.
Appreciation **296**, 1152.
Developments in Navigation of Air **251**, 68.
Geometry of the Marcq Position Lines **145**, 233.
The Haversine in Nautical Astronomy **135**, 735.
The Lunar Observation without Distance Tables **128**, 1261.
New Method in Coastal Navigation **219**, 723. **222**, 1271.
The New Method in Nautical Astronomy **116**, 959.
On a simplified method of finding the equation of equal altitudes **124**,

1509.
A Short Method of Calculating the Zenith Distance 141, 117.
Goodwin, H.H.
Fighting Planes 363, 718, 783.
Rarin' To Go--Home! (anec) 687, 138.
Significance to Russia of Japan's Collapse as World Power 538, 1425.
Goodwin, J.F. 488, 1362. 489, 1487. 490, 1610. 491, 70. 493, 323. 494, 449.
Ship's Orders--1815: 443, 78.
Goodwin, N.W. 581, 764.
Goodwin, R.A. 540, 227. 572, 1147.
Goodwin, W.A.
Insecurity of Being Secure (anec) 737, 81.
Where Authority Really Lies (anec) 753, 35.
Goodyear Tire and Rubber Company 251, 127.
Gooney Birds: Second Battle of Midway. D.B. Mauldin 703, 43.
Gorch Fock (Ger.) 419, 40.
On Board a Sailing Ship (ProfNote). Ken Berents 887, 107.
Gorch Fock II (Ger) 852, 43, 46, 48.
Gordon, Arthur 625, 334.
Day the Astral Vanished 752, 76.
Great Stone Fleet, Calculated Catastrophe 790, 72.
Records 307, 803.
Gordon, C.V.
HNMS Tjerk Hiddes--Timor Ferry 684, 31.
Royal Netherlands Navy (Pict) 664, 89.
Seen Through Belgian Eyes (anec) 681, 144.
Gordon, Charles "Chinese": See: Gunboats in the Desert.
Gordon, H.L. 722, 122.
Forward Area Air Station (NewNav) 710, 161.
Gordon, J.A. 412, 839.
Gordon, Jeff (Co-author): See: J.E. Kane.
Gordon, John (BkRev) 736, 124.
Gordon, Nathaniel: An Error in Flags (OldNav). C.H. Jenrich 779, 138.
Gordon (CSS) 341, 871.
Gore, J.L. 721, 109.
Gore, J.M.
Against All Enemies (Hanks) (C&D) 813, 81.
Military Staff Study (ProfNote) 730, 142.
Gorizia (It) 339, 681. 353, 1076.
Gormley, R.H. 693, 103.
Limited War and the Striking Fleets 720, 52. 727, 101.
Gorrell, R.P.: Indebtedness (Smith) (C&D) 794, 116.
Gorringe, H.H. 486, 1103.
A New and Powerful Derrick 32, 159.
Gorry, W.A.: Training Divers 393, 1674.
Gorshkov, S.G.
Comments on Gorshkov's "Sea Power of the State." B.W. Watson 890, 41. 898, 80.
Development of the Art of Naval Warfare 868, 54. 876, 78.
Navies in War and in Peace
Part 1: 851, 18. 854, 98. 856, 94, 96, 97, 98. 859, 87.
Part 2: 852, 26. 856, 94, 98. 858, 89, 90. 859, 87. 865, 81.
Part 3: 853, 50. 859, 87.
Part 4: 854, 46. 859, 87, 88.
Part 5: 855, 220. 859, 87.
Part 6: 856, 46. 859, 87.
Part 7: 857, 52. 862, 79.
Part 8: 858, 60.
Part 9: 859, 56.
Part 10: 860, 56.
Part 11: 861, 55.
The Sea Power of the State (C&D) 880, 81.
20th Century Mahan? E.R. Zumwalt, Jr. 861, 70. C&D: 865, 83.
What Are You Up To, Sergei? K.J. Bauer 862, 32.
Gorski, V.J.: Making Ecclesiastical History in Navy (anec) 599, 73.
Gosnell, H.A. 359, 111. 373, 400. 386, 557. 389, 1012. 406, 1767. 407, 97, 99. 409, 399. 412, 869. 423, 740. 517, 442.
As Before Except 335, 63.
Battleship, Our First 373, 357.
Should Poison Gas Be Legalized? 353, 1013.
Squadron of Admiral Cervera 306, 651.
World War Losses of United States Navy 411, 630. 414, 1169.
Goss, N.H.: Amalgamation 216, 231.
Gotjen, J.T.
Effective Writing, Navy or Civilian (Blair) (C&D) 797, 105.
The Silent Vote (Dengler) (C&D) 820, 93.
Gotland (Swed.) 337, 403.
Gottfried (SS): Sunk By Mine 153, 1571.
Goude, Naval Action on, Aug. 11, 1304: 593, 791.
Gould, A.W., Jr. 561, 1294.
Gould, J.W.: Civil War in the Far East (OldNav) 715, 160.
Gould, R.C.: International Lifeboat Conference: 5-9 June 1967 (ProfNote) 788, 141.
Gould, S.W.: Submarine Warfare in Adriatic; Otranto Barrage 1915-18: 496, 683.
Goulet, Lionel: Money--the Oldest Status Symbol 712, 65.
Gourd, R.R.: Table 3, Bowditch (ProfNote) 689, 132.
Gove, C.A.
The Centurion's Anchor, illus. 158, 1157.
Summary Court Martial 128, 1313.
Watch, Quarter and Station Bills 91, 479.
Government
Forms of. A.P. Niblack 211, 1399.
Government of Japan. R.S. Wentworth 331, 795. 335, 106.
Japan 346, 1712.
Samoa 331, 834.
Secrecy in Government. R.L. Taylor 841, 72. 846, 94.
Training of Officials. D. Potter 262, 1982.
Governor Jay (SS): See: Farenholt, A. 128, 1279.
Governors of U.S. Naval Home. G.H. Eckhardt 329, 636.
Gow, John L.:
Amalgamation, A Failure? 117, 307.
Navy Sailing Programs (McWethy) (C&D) 804, 92.
Grace (SS): Torpedoed 175, 2122.
Graduated Pressure in Theory and Practice. A.P. Sights, Jr. 809, 40.
Graduation Advice: Letter to My Son. Anonymous 634, 1310.
Grady, J.B. 704, 113. 707, 119.
Graeb, H.S. (joint reviewer): See: Nicholas Brown.
Graeff, E.W.: Officer Appraisal in the Armed Forces (C&D) 750, 116.
Graf, H.W. 656, 1120.
Graf, T.E.: A Humble Refinement (anec) 857, 38.
Graffman, J.R.: Is TacAir Dead? (O'Rourke) (C&D) 887, 81.
Graf Spee
See: Admiral Graf Spee (Ger.).
See also: River Plate Battle, British Strategy in.
Graf Zeppelin (Ger.) 403, 1241.
Hitler's Flattop--The End of the Beginning. C.G. Reynolds 767, 40. 771, 126. 776, 101. 778, 112, 113. C&D: 780, 102.
Graham, A.E.: Nakhimov Naval Cadet Schools (ProfNote) 890, 104.
Graham, A.G. 635, 91. 640, 659. 667, 102.
British Jacks (ProfNote) 661, 129.
Pilots (ProfNote) 633, 1279.
Graham, D.C.: Purpose of Visual Signal Drills Today? (ProfNote) 677, 121.
Graham, Dave: He Never Made Quartermaster (anec) 834, 37.
Graham, J.H., Jr.: Sergeant Fleury's Per Diem (anec) 636, 183.
Graham, K.M.: Vessel Traffic Systems: A View from the Bridge (Seitz) (C&D) 870, 83.
Graham, R.W.M. 434, 581.
Graham, S.L.: Sham Battle, Chilian Squadrons (Tr.) 71, 609.
Graham, S.V.: 250, 2048.
Graham, Stephen V., Tr.: Consideration of the Caliber of the Main Battery of Battleships. D.J.M. Cervera. 144, 1595.
Grain Conference in Paris 338, 558.
Grain Race, Last. J.F. Colton 567, 507.
Gralla, A.R.: New Weapon Design (ProfNote) 685, 126.
Grampus (USS) 323, 50. 377, 950.
Granger, Robert A. 719, 141.
Grannis, L.C.: Those Mysterious Midgets (Stewart) (C&D) 866, 86.
Grant, B. 595, 1023.
Grant, C.
Can You Tie This? (anec) 627, 553.
Popular Bugler (anec) 594, 867.
Grant, Gordon
American Clipper in Caribbean Port--April 1961 Cover.
Great Admiral--August 1960 Cover.
Paintings 418, 1688. 425, 1080.
Raleigh--December 1959 Cover.
Swift--April 1959 Cover.
Grant, J.H. 252, 258.
Grant, R.B.
Permission Granted (anec) 641, 731. 871, 57.
Grant, R.M.
Aircraft Against U-Boats 436, 824.
Book Review 768, 126.
How Many U-Boats Have Been Sunk? 465, 1598.
Known Sunk--German Submarine War Losses, 1914-1918: 419, 66. 421, 409. 424, 889. 426, 1183. 438, 1187.
Use of Mines Against Submarines 427, 1275.
Grant, T.R.: Barking Up the Wrong Tree (anec) 700, 129.
Grant, U.S.
and Family on Vandalia (U.S.) 391, 1349.
The Partnership. H.J. Maihafer 771, 49.
Pioneer in Hemisphere Defense. R.Z. Kirkpatrick 468, 232.
Grant, V.F.: 312, 169.
Grantham, Donald (Co-author): See: Jean Coté.
Grantham, E.A.
Drum and Bugle Corps 392, 1492.
Extra-Curricular Activities 392, 1537.
Granum, A.M.: Postgraduate Instruction 317, 595.
Graphical Aids to Navigation. W.A. Mason 271, 1707.
Graphical Piloting Methods. F.L. Mosher 334, 1080.
Grasse, F.J.P. De 446, 524.
Grassey, T.B.
Outcomes, Essences, and Individuals (Leadership Forum) 881, 72.
Professional Development 894, 31. 908, 91.
The Specialized Character of NATO (McClane) (C&D) 895, 90.
What's In a Name? 840, 40. 844, 88. 847, 99.
Grate Bars: Aluminum Coating 269, 1276.
Gratz, Benjamin: Offers $500 Prize to American Ship for Sinking Submarine 172, 1339.
Grau, M.: Huascar vs. Chile's Navy 347,

18. **352**, 903.
Graudenz, J.: Aviation Training in Germany **335**, 120.
Graudenz (Ger. cruiser): Description **190**, 2809.
Gravely, S.L., Jr.: Equal Opportunity in the Navy (C&D) **822**, 91.
Graves, H.S. (BkRev) **759**, 128.
Graves, T. **446**, 525.
Graves, W.S.
Hanoi Tonight (ProfNote) **797**, 136.
Pollution--We Do Our Part (Bekkedahl) (C&D) **809**, 104.
Gravina, Carlos duc de: See: Frost, H.H. **186**, 1763.
Gray, D.M.: New Approach to Navy Ship Procurement (Sonenshein) (C&D) **796**, 110.
Gray, H.K.: Function of Hospital Ship **517**, 367.
Gray, J.A.C.: Apia Hurricane of 1889: **688**, 35. **693**, 105.
Gray, J.C.: Paul Joseph Dashiell, Ph.D. **426**, 1143.
Gray, J.S., Jr.
Development of Naval Night Fighters in World War II: **545**, 847.
High-Ranking Cargo (anec) **733**, 55.
Gray, L.P., III: **623**, 102.
Eternal Triangle **614**, 397.
Judicial and Non-Judicial Aspects of Officer Discipline **626**, 427.
Strategic and Logistic Planning **610**, 1321.
Gray, R.: Reminiscences of. **306**, 648.
Gray, S. **399**, 721. **455**, 99. **465**, 1617. **470**, 556. **472**, 860. **480**, 257.
British Navy and Tobacco Trade of Virginia and Maryland **403**, 1300.
Gray, T.I.: New Roles for Old LSTs (ProfNote) **754**, 145.
Gray, V.C.: Great Stone Fleet--Calculated Catastrophe (Gordon) (C&D) **796**, 101.
Gray, W.O.: The U.S. Coast Guard and the Control of Oceanic Pollution (Williams) (C&D) **887**, 82.
Gray, W.T.
The Chronological and Geographical Distribution of Icebergs in the Southern and Antarctic Oceans **80**, 743.
The Loss of Leadership (Collins) (C&D) **871**, 78.
Graybill, M.W. **615**, 575.
Graydon Torpedo-thrower. R. Wainwright **49**, 385.
Grazebrook, A.W.: Perspective on Sea-Based VTOL (Whidden) (C&D) **827**, 93.
Great Admiral (U.S.): See: Cover Pictures--August 1960.
Great Britain (Br.) **821**, 98.
Great Britain
Admiralty
See also: Great Britain--Navy, Administration.
The Admiralty and the Trial of Officers **123**, 1301.
Admiralty Organization, 1912: **144**, 1651.
Admiralty's System of Indexing Ships (for requisition), 1916: **162**, 571.
The Board of Admiralty **160**, 1921. **161**, 232.
The New Board of Admiralty, Aug. 1918: **187**, 2096.
Reorganization of, 1903: **106**, 459. 1904: **114**, 504.
Report on Lord Beresford Charges, 1909: **131**, 968.
Britain May Give Up Aden Base (Nbk) **752**, 152.
Captain Mahan's "War" with Great Britain. K. Bourne and C. Boyd **785**, 71.
Continuing Strategic Importance of Simonstown. D.C. Watt **800**, 50. **805**, 100.
Far East: Britain to Leave Asia by 1970s (Nbk) **776**, 144.
Foreign Policy
Ominous Parallel. France--1866-1870, United Kingdom--1903-1913: **150**, 533.
The Ownership of the Aegean Islands, 1913: **149**, 223.
Foreign Relations--Middle East: Sentinels at the Bridge. B.B. Schofield **776**, 48. C&D: **782**, 104.
Missiles: U.K. Polaris Program on Schedule (Nbk) **752**, 154.
Naval Policy
Changing Policy of Great Britain **200**, 1776.
The Colonies and the Fleet of the Empire **149**, 222.
Maintaining the Two-Power Standard **145**, 380.
The Most Pressing Requirement of the Navy. R.H.S. Bacon **135**, 904.
Problem of the Pacific, 1913: **150**, 543.
Strategical Arrangement of the British Fleet, 1912: **143**, 1133.
Two-Power Standard in 1909: **130**, 582.
War on the Sea. G. Darrieus **127**, 822.
Naval War College
See also: Luce, S.B. **135**, 686.
War College at Portsmouth **116**, 1000.
War Course at Portsmouth, 1908: **125**, 342.
North Sea Incident of 1904. J.P. Campbell **853**, 64.
Port of London Authority (Pict). R.D. Wells **823**, 64.
Royal Air Force: Airborne Torpedoes. N.W. Emmott **894**, 46.
Royal Flying Corps: Airlift to Kut. A.P. Sights, Jr. **827**, 50.
Royal Marines
Conditions of Service Improved, 1910: **136**, 1170.
The Great Sea Regiment **134**, 611.
Increase of British Marine Corps, 1906: **120**, 1597.
Reduction of British Marine Corps, 1909: **131**, 583.
Strength of Royal Marines, 1910: **134**, 605.
Royal Naval Reserve
Retired British Officers in Naval Reserve **102**, 346.
The Royal Naval Reserve: What It Is **153**, 1532.
Strength of. 1910: **134**, 605.
Ziegemeier, H.J. **147**, 905.
Royal Naval Transport Service: Established **168**, 378.
The Royal Navy: Another Philosophy (ProfNote). G.R. Villar **889**, 103.
Great Britain--Aeronautics
See also: Aeronautics.
Aeroplanes for Medical Branch of British Army, 1913: **150**, 585.
England's Air Forces in 1914: **153**, 1516.
England Wants Permanent Air Force of 20,000, 1917: **167**, 143.
Expansion of the Royal Naval Air Service, 1914-1916: **163**, 978.
First Admiralty Airship, 1910: **134**, 612. **136**, 1171. **138**, 644. **139**, 1059.
Hydroplane Station on the Forth **144**, 1690.
Naval Flying Wing, 1912: **143**, 1132.
Progress in Aeronautics in England, 1919: **197**, 1250.
The Royal Air Force, 1918: **185**, 1553. 1919: **192**, 266.
Royal Air Force, Personnel, 1919: **200**, 1780.
Royal Flying Corps Founded, 1912: **143**, 1167.
Royal Flying Corps in 1913: **150**, 583.
Royal Naval Air Service in 1917: **179**, 118.
Seaplanes for British Admiralty, 1913: **149**, 267.
Short Brothers Hydroplane, in British Navy, 1912: **143**, 1166.
War Office Construction Competition **141**, 376.
Great Britain--Air Force
Bomber Navigation, the Blind Led the Blind. N.W. Emmott **795**, 35. **798**, 115. **802**, 110.
British to Buy F-111s (Nbk) **758**, 174.
My Eagle-eyed, Stout-hearted Crocks. W.G. Moore **804**, 58.
Point of No Return. D. Macintyre **732**, 36.
R.A.F. Coastal Command (ProfNote). John Fricker **762**, 142.
R.A.F. Ends Bomber-Fighter Commands (Nbk) **774**, 153.
R.A.F., The Impossible Dream. N.W. Emmott **802**, 26. **809**, 107. **813**, 87. **814**, 88.
R.A.F. Redundant Air Force. G.W.R. Nicholl **846**, 56. **851**, 76, 79.
Great Britain--Army
Adopts New Rifle (Lee-Enfield), 1903: **106**, 495.
Profession of Arms. Sir John Hackett **770**, 82.
Three British Logistic Ships Ordered (Nbk) **750**, 160.
Great Britain--Defences
Britain's New Defence Policy: Its Significance to the Royal Navy. D. Wettern **765**, 60.
British Coast Defense Plans, 1909: **132**, 1284.
British Defense Contributions (Nbk) **749**, 151.
British Submarine Mine Defense, 1905: **116**, 1015.
The Invasion Question, 1911: **137**, 300.
Mine Defenses of the British Coast, 1909: **131**, 990.
Summary of England's Means of Defense **114**, 507.
Thoughts on Imperial Defense. S. Wilkinson **135**, 912.
Great Britain--Naval Aviation
British Carriers and VTOL (ProfNote). John Fricker **741**, 130.
Phantoms for British Navy (Nbk) **736**, 159.
Point of No Return. Donald Macintyre **732**, 36.
The Seat of Your Pants Told You... **784**, 82. **790**, 109.
Up, Up, and Away...Backwards. J.S. Sproule **833**, 56.
Great Britain--Naval History
American Admirals in the British Navy. C.G. Calkins **130**, 425. **131**, 685.
British Naval Operations in the West Indies, 1650-1700. R.W. Neeser **154**, 1599.
Conquest of Territory Overseas. R. Daveluy **127**, 957.
Growth and Development of British Navy: The Naval Profession, Its History and Ideals. E.K. Rawson **110**, 321.
Preparation in Peace and Success in War. W.H. Beehler, Tr. **143**, 893.
Great Britain--Navy
Abolition of the Rum Ration (OldNav). Lawrence Phillips **809**, 86.
Aboukir Bay, Significance of. R.A. Cahill **773**, 79.
Administration
See also: Great Britain, Admiralty.
Administrative Reforms, 1910: **134**, 604.
British Naval War Staff: Description of its Functions **141**, 327, 330.
First Lord, An Officer Or A Civilian?

133, 309.
Formation of General Staff, 1917: 172, 1244.
Naval Ordnance Inspection Department Created 126, 710.
The Naval War Council 132, 1290.
The Need of a General Staff for England's Navy 172, 1308.
St rling, Yates 146, 461.
Admiral, R.H., 1776 (ProfNote). A.W. Moffat 828, 115.
Admiral Lord Cochrane, A Hero for Today's Professionals. F.C. Lynch 864, 63. 869, 79.
Admiralty, Britain Ends Historic Era of (Nbk) 736, 157.
Alcantara vs. Greif: Duel of the Merchant Cruisers. F. Poole 869, 52.
Anglo-French Seaborne Deterrent (ProfNote). B.B. Schofield 850, 107.
As Others See Us, 1913: 150, 529.
Assault Ship, Fearless, Launch of First (Nbk) 734, 159.
Assault Ship, Royal Navy's First (ProfNote). P.J.M. Shevlin 765, 148.
ASW in the Royal Navy (ProfNote). J.D. Treacher 764, 152. 769, 105.
Britannia Royal Naval College (ProfNote). J.A. Knubel, Jr. 756, 133.
British Naval Mobilization of 1910: Strength of the Fleet 135, 878.
British Navy's Increase During the War 162, 592.
British Warships Commissioned 1914-1919: 192, 262.
Catapult Off--Parachute Back. J.E. Wise, Jr. 859, 70.
HMS Centaur at Dar es Salaam. D.K. Hankinson 801, 57. 806, 101.
The Channel Fleet in 1907: 121, 399.
"Cheeky Boy" Takes Charge (OldNav). Francis Poole 839, 81.
Collingwood, Character of. Oliver Warner 796, 63.
Commission for Warships Reduced From Three Years to Two Years 113, 214.
Condition of the British Navy in 1914: 149, 221, 225.
Cost of the British Navy, 1915: 160, 2023.
Cost of the Navy, 1880-1909: 135, 870. 1905-1906, 1906-1907: 118, 720.
Defence Policy, Britain's New: Its Significance to the Royal Navy. D. Wettern 765, 60.
Discipline
Authority in the Navy 134, 612.
Disciplinary Record of British Personnel, 1905: 120, 1599.
Flogging in British Navy 110, 447.
Naval Offenses and Discipline of Enlisted Personnel in 1904: 116, 1002.
Punishment Return, 1900-1909: 131, 969.
Warship Police Abandoned by England 151, 840.
Distribution and Mobilization of the Fleet, 1905: 113, 220.
The Dreadnought Gap. L. Wainstein 763, 78. 766, 133. 770, 109.
England's Naval Superiority, 1913: 149, 233.
Estimates for the Navy, 1902-1908: 121, 401.
The Excellent Ships of Bombay (OldNav). J.M. Windas 830, 68. 842, 91.
First ASW Vessels (OldNav). A. Preston 836, 82.
FOST Work-Up: Thursday Morning War (ProfNote). R.J. Terhune 802, 140.
Full Stretch. B.B. Schofield 746, 36.
Future of the Royal Navy (Nbk) 759, 166.
Growth of British Navy 1890-1907: 121, 405. 1914-1916: 161, 230. To Aug. 1918: 187, 2098.
Gunboat [Geier] That Became a Yankee [Schurz]. 379, 1279. 386, 496.
Helicopter: An Extension of the DE in the Royal Navy (ProfNote). J.P. Gunning 822, 105.
Icebreaker, Royal Navy's First (Nbk) 744, 162.
Kuwait Confrontation of 1961. C.W. Koburger, Jr. 851, 42.
Malta--Maritime Base for Rent (ProfNote). B.B. Schofield 838, 111.
Medical Affairs: Health of the Navy, 1902: 110, 443. 1904: 113, 217. 117, 349. 1905: 121, 402. 124, 1522. 1906: 125, 366. 1907: 129, 295. 1908: 132, 1287. 1910: 137, 299. 1914: 159, 1643. 1916: 172, 1336.
Navy Yards, Stations and Bases
British Dockyard Efficiency, 1913: 148, 1752.
British Naval Base at Rosyth 115, 721.
English Bases on the North Sea: War Between England and Germany. W. Hovgaard 137, 109.
A Naval Base in the Pacific 125, 368.
The New Pacific Fleet, 1909: 132, 1285.
North Sea Fleet in 1909: 131, 961.
Ocean Survey Ships, New British (ProfNote). C.J.C. Wynne-Edwards 766, 156.
Organization of the British Battlefleets in 1912: 142, 765.
Organization of the Fleet in 1913: 148, 1382.
Personnel
Age of Flag Officers, 1913: 150, 525.
The British Middy 158, 1288.
The British Naval Interpreters 153, 1497.
Changes in Naval Titles, 1918: 191, 101.
Commissioning of Warrant Officers 142, 764.
Comparison Between American and British Landing Forces Ashore. C. McK Lynch 138, 419.
Condition of Personnel, 1904: 109, 224.
Court Martial Cases in 1917: 128, 1333.
Division of Engineer and Gunnery Officers 108, 979.
Efficiency of British Personnel, 1913: 147, 1345.
Engineer Officer Reforms in 1909: 130, 584.
Engineers and Surgeons in British Navy 113, 215.
Lower Deck Promotions in 1917: 167, 143.
Naval Accountant Officers in 1909: 130, 585.
Navigators in British Navy 107, 755.
Nucleus Crew System 130, 580. 139, 1055.
Office of Target Practice Inspector Abolished, 1913: 148, 1749.
Officers Allowed Two Years Leave to Study Japanese Language 128, 1333.
Pay of British Personnel Doubled, 1919: 198, 1425.
Promotion From the Lower Deck, 1913: 150, 526.
Rank of "Lieutenant Commander" Created, 1914: 151, 851.
Rates of Pay of British Officers, 1919: 200, 1778.
Requirements of Officers Specializing in Engineering 143, 1132.
Retired Naval Officers to Naval Reserve 102, 346.
Specialization by British Officers 135, 876.
Strength of Personnel, 1903: 106, 459. 107, 978. 1904: 116, 1002. 1913: 146, 853.
Study of German in the Navy 132, 1286.
Success of Naval "Rankers" 152, 1196.
Warrant Officers to Commissioned Ranks, 1904: 112, 860.
Phantom Fleet (ProfNote). D. Wettern 757, 143.
Polaris, Britain Shifts Deterrent to (Nbk) 801, 160.
Polaris School Opened, British (Nbk) 764, 166.
Program
1902-1903: 101, 103.
1903-1904: 102, 337. 105, 272. 106, 463, 466. 108, 975, 978.
1904-1905: 109, 217. 110, 437. 111, 636. 112, 851. 113, 208. 114, 495, 498.
1906-1907: 117, 334. 118, 718. 119, 1126, 1129.
1907-1908: 122, 855. 123, 1298, 1300, 1303. 124, 1519.
1908-1909: 126, 706. 127, 1060.
1909-1910: 130, 578. 131, 959, 964. 132, 1282.
1910-1911: 133, 273. 134, 604. 135, 868. 136, 1155.
1911-1912: 137, 290. 138, 631. 140, 1435.
1912-1913: 141, 319, 359.
1913-1914: 145, 378. 146, 852. 148, 1746.
1914-1915: 149, 213. 150, 478.
Punishment in the Royal Navy, Nonjudicial (ProfNote). B.A. Wiley 773, 139.
Recruiting
Manning the Navy, 1902: 102, 337.
Recruiting the British Navy, 1914: 149, 220. 153, 1496.
Reorganization of Destroyer Flotillas, 1914: 109, 227.
Retirement
Retired Pay of Officer, 1910: 134, 605.
Retirement Regulations, 1909: 132, 1288.
Review of the Royal Navy's Future (Nbk) 790, 155.
The Royal Marines. A.P. Willasey-Wilsey 753, 64.
The Royal Navy, James Morris 829, 62. 832, 107.
Royal Navy and the Continuing Commitments. D. Wettern 822, 18.
Royal Navy: Far East Squadron Again? (C&D) 846, 100.
...Ruler of the Queen's Navee... L.M. Kryske 839, 72. 846, 95.
Satellite Frigate Wakeful, Britain Builds (Nbk) 770, 159.
HMS Sheffield, A Ship for the 80s (ProfNote). N.L. Dodd 876, 95.
Suez, East of. James Stewart 757, 40.
Suez Operation. James Stewart 734, 37.
Summary of Trials of Ships, All Types 1903: 109, 243. 1904: 113, 216. 1905: 117, 339. 1906: 121, 408. 1907: 125, 343. 1908: 129, 316.
Survey Fleet, Modernizing the Royal Navy's (Nbk) 742, 153.
The T.B. 3 and the Savage Sea. F. Poole 861, 40.
They Also Served, and Served... (OldNav). F. Poole 822, 80.
Two Nations "Go Dutch" (C&D) 845, 85.
Uniform
The British Sailor's Uniform, 1907: 122, 893.
British Uniform Regulations and Civilian Clothes, 1913: 145, 378.
Khaki in British Navy 167, 143.
Vessels Building
1902: 101, 104. 102, 334. 103, 641. 104, 968.
1903: 105, 256. 106, 453, 478. 108, 974.
1904: 109, 216. 110, 437. 111, 635. 112, 851.
1905: 113, 208. 114, 495. 115, 712.

Great Britain--Navy (Cont.)
Vessels Building (Cont.)
1905: **116**, 992.
1906: **117**, 333. **118**, 717. **119**, 1126. **120**, 1581, 1591.
1907: **121**, 399. **122**, 855. **123**, 1297. **124**, 1519.
1908: **125**, 338, 342. **126**, 708. **127**, 1055. **128**, 1328.
1909: **129**, 290. **130**, 578. **131**, 959. **132**, 1280.
1910: **133**, 272. **134**, 603. **135**, 866. **136**, 1158.
1911: **137**, 290. **138**, 630. **139**, 1051. **140**, 1427.
1912: **141**, 318. **142**, 758. **143**, 1122. **144**, 1639.
1913: **145**, 373. **146**, 849. **147**, 1337. **148**, 1739.
1914: **149**, 212. **150**, 480, 485, 520. **151**, 839. **152**, 1185. **153**, 1491. **154**, 1803.
1915: **155**, 184. **156**, 531. **157**, 923. **158**, 1286. **159**, 1642. **160**, 2021.
1916: **161**, 229. **162**, 567. **163**, 935. **164**, 1277. **165**, 1631. **166**, 1974.
Warship Strength, British (Nbk) **760**, 166.
Women, British Warship Carries Two (Nbk) **763**, 164.
Work-up in the Royal Navy (ProfNote). A.A.J. Harper **753**, 144.
Great Circle Course, To Find, by Inspection. J.B. Blish **82**, 365.
Great Circle Sailing
A Fallacy... C.D. Sigsbee **33**, 332.
Finding the Course in Great Circle Sailing. G.W. Littlehales **163**, 921.
Great Circle Sailing. H.G.S. Wallace **197**, 1197.
Great Eastern (Brit. SS) **417**, 1677.
Great Lakes
The Fourth Coast: Five Lakes and Five Rivers (NavRev). O.T. Burnham **867**, 174.
Great Lakes Fleet Steams Into Heavy Seas (ProfNote). R.C. Watson **715**, 133. **725**, 111.
Great Lakes Naval Base: See: J.M. White. Seven Days in July.
Great Lakes Naval Training Station **217**, 367.
The Camp at Great Lakes, 1917: **175**, 2096.
Iron Ore Traffic on Great Lakes. W.R. Harkins **621**, 1227.
Our Nation's Inland Seas. C.C. Hanks and R.B. Falkiner **422**, 546.
Pollution of the Coastal Ocean and (NavRev). M.G. Gross **819**, 228.
St. Lawrence Seaway, Naval Aspects of. M. Berngard **566**, 379.
Seiche of Great Lakes. E.W. Wunch, Jr. **397**, 367.
Specialists of Great Lakes. E.W. Wunch, Jr. **401**, 995.
Great Nordic War (1700-1721): Beachhead 1715. Friedrich Ruge **766**, 50.
Great Northern (U.S.)
See also: J.C. Carrothers. The Twin Flyers and Hot Foot--the Story of a Ship.
Great Western (Gt.Br.) **821**, 78.
Great White Fleet
The Eagle and the 'Roo: American Fleets in Australian Waters. J.H. Moore **825**, 43.
Great White Fleet Survivor Dies (C&D) **851**, 74.
World Cruise of Great White Fleet (Pict) **668**, 87.
Greaves, F.L.
Speech and the Leader (ProfNote) **801**, 146.
Thorns in the Dragon's Side **741**, 46.
Greco, Joseph (BkRev) **839**, 101.
Greco-Turkish War: Naval Watch in the Mideast. G.W. Henderson and P.B. Ryan **893**, 66.
Greece **252**, 329. **254**, 670. **256**, 1034. **277**, 571.
Aircraft Carrier Seen As A Ferry (Nbk) **750**, 160.
Ancient Overseas Campaign. W.C.I. Stiles **301**, 201.
England Fleet Air in Earthquake **358**, 1827.
Greece Joining Mediterranean Maritime Air Reconnaissance (Nbk) **809**, 131.
Greek-Bulgarian War **274**, 2408.
Greek Fire, Origin of. See: Ordnance--Sunday Punch Weapon.
Greek Navy Seeks Smaller Warships (Nbk) (Nbk) **804**, 124.
Greek-Turkish War **238**, 2197.
The Guerrilla War the Communists Lost. D.G. Kousoulas **723**, 66.
Salamis, Battle of, 480 B.C. D.J. Edwards **432**, 161.
Venezelos **212**, 1703. **308**, 929.
Zaimis, A. **324**, 169.
Greece--Navy **336**, 253. **355**, 1374.
British Officers Reorganize Greek Navy, 1913: **148**, 1753.
Greek Cruiser Elli Retires (Nbk) **737**, 147.
The Greek Navy Fights On. W.L. Robinson **498**, 1013.
Greek Navy in 1912: **144**, 1653. 1915: **160**, 2025.
Hastings, Frank Abney--Unknown Naval Hero. M. Kerr **478**, 1735.
Program, 1912: **144**, 1654. 1914: **149**, 204. **150**, 545.
Royal Hellenic Navy. G. Drossinos **817**, 32.
Vessels Building--1913: **148**, 1753. 1914: **150**, 545. **151**, 854. 1916: **166**, 1974.
Greely, A.W. **476**, 1375.
Greely Comment **673**, 99.
Greely Relief Expedition, 1884. J.M. Merrill **583**, 969.
Navy and Greely: Rescue of 1881-84 Arctic Expedition. D.G. Colwell **659**, 71.
Victim of Amphibious Noncooperation. J.M. Ellicott **505**, 311.
Green, C.L.: Morpheus, Oh Morpheus (anec) **636**, 169.
Green, E.L.: Equal Opportunity **856**, 40.
Green, F.
Across Pole By Plane **244**, 937.
Earth Features and Navy Pilot **249**, 1773.
Fixing Decimal Point **258**, 1292.
Navy and North Pole **253**, 373.
Peary, Scientist, and Explorer **234**, 1315.
Science and Navy **236**, 1697.
Green, Fitzhugh
Amusing 50,000 Men **177**, 2527.
Arctic Duty with Crocker Land Expedition, illus. **175**, 1941. **176**, 2193. **177**, 2457. **178**, 2799. **179**, 75.
Co-author: See: Claiborne Pell.
Types of Merchant Skippers **190**, 2779.
Green, J.F.: Navigation Notes **215**, 67.
Green, L.B. **678**, 104.
and J.H. Burt: Massive Retaliation: Salvation or--? **668**, 23.
Case for the Attack Carrier in the Missile Age **665**, 46.
New Concept for Operational Readiness in Carrier Aviation (ProfNote) **673**, 119.
Green, M.M., and J.Z. Kornfeder: Secret of Kremlin Warfare **620**, 1131.
Green, Murray: Kashmir: Valley of Indecision **634**, 1339.
Green, R.R. **657**, 1241.
Green, W.J., Jr. **780**, 100, 101.
River Gunfire Support Ship (ProfNote) **776**, 135.
Greenbacker, J.E.
Book Reviews of Incredible Victory and Rendezvous at Midway (C&D) **782**, 97.
The Cruel Business of Accountability **894**, 24.
The Lesson of Vietnam **845**, 18. **850**, 83. **851**, 73.
Where Do We Go From Here? **880**, 18.
Greenbaum, R.S. (Co-author): See: C.O. Holmquist.
Greenberg, Abe, and C.H. McKeown: Discrimination? A Minority Review (ProfNote) **820**, 104.
Greenberg, D.S.: U.S. Destroyers for British Bases **717**, 70.
Greene, B.F.: Compass: Considerations Relative to... 1, 72.
Greene, D.H. **510**, 955. **518**, 578.
USAFI Faces Impasse **515**, 35.
Greene, D.M.
The Big Ten: Our Trident Missile Submarine Class (Kaplan) (C&D) **869**, 79.
The Bureaus Go On Forever (Ray) (C&D) **804**, 95.
Ensigns, Bays, and Aircraft Carriers (C&D) **851**, 80.
Trying to Recoup (anec) **894**, 23.
Greene, D.W. (BkRev) **848**, 149.
Greene, F.V. **242**, 669.
Greene, John L.: Silence Is Golden (anec) **633**, 1239.
Greene, R.O. **704**, 118.
Greene, S. Dana
Electricity On Board Warships **50**, 471.
Electricity On Board Ships **91**, 636.
The Monitor At Sea and In Battle **249**, 1839. **288**, 202.
Notes on Electrical Testing... **39**, 483.
Greene, W.M.: Piscataqua's Pirates **348**, 241.
Greenfield, Kent R. **631**, 1056.
Greenland
Early Attempted Flights to Europe Over Greenland. W.H. Hobbs **551**, 39.
England Desires **331**, 875.
From Greenland's Icy Mountains. C. Moran **451**, 1261.
Leaves from Greenland Diary. J.L. Allen **468**, 201.
Greenlee, H.R.
A Few Hints to the New Navigator **170**, 719.
Short Range Battle Practice for Engineers **211**, 1443.
Type V Azimuth Circle **185**, 1519.
Greenman, W.G.
Armed Services in Relation to National Oil Policy **519**, 643.
Entrance Requirements, U.S.N.A. **292**, 722.
Petroleum Exploration in Arctic Alaska **567**, 527.
Greenslade, J.W. **359**, 114. **361**, 414. **362**, 629.
Command, U.S. Navy **352**, 805. **356**, 1486.
Development of Faculty of Command **351**, 721.
Security of National Interests **388**, 831.
Greenwald, Harry **684**, 100.
Greenwood, E.I.: U.S. Strike Command (ProfNote) **768**, 145.
Greenwood, J.E. **630**, 943. **663**, 121. **676**, 114. **697**, 123.
Book Review **776**, 116.
The Corps' Old School Tie **873**, 46.
Thoughts on Man's Purpose in Life (Rickover) (C&D) **866**, 84.
Greer (U.S.): See: Deac, W.P.: America's Undeclared Naval War.
Gregerson, C.E. **353**, 1049.
Gregg, C.B.: Ragged Performance (anec) **671**, 48.
Gregg, O.C. **597**, 1263. **605**, 796.
Gregoire, J.A.
Book Review **888**, 88.
The Montreux Convention...A Perennial Soviet Ticket to the Mediterranean (ProfNote) **893**, 115.

Gregory, A.W., Jr.: Plan For All Seasons (Lyon) (C&D) **803**, 101.
Gregory, C. **618**, 938.
The Final Blow (anec) **624**, 177.
Gregory, Francis H.: Portrait **170**, 683.
Gregory, G.H.
Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **809**, 97.
U.S. Navy--50 Years Later (Postel) (C&D) **853**, 97.
Gregory, G.M.: Seaweed and Ivy **647**, 33. **657**, 1236.
Gregory, J.R.: Case of Divided Authority (anec) **586**, 1303.
Gregory, L.E.: Naval Civil Engineering **296**, 1097. **308**, 893.
Gregory (U.S.) **851**, 75.
Incident in the Nanpo Shoto. Bruce McCandless **845**, 67.
Greif (Ger) **869**, 52.
Engagement with HMS Alcantara **162**, 653. **163**, 1039.
Greif (SMS) **268**, 1001.
Grenades
Hale Rifle Grenade (illus.) **163**, 962.
Hand Grenades **187**, 2124.
New Rifle-Propelled Grenade, 1909: **129**, 310.
Grenet, C.N.: Italian Sea Power **301**, 222.
Grenfell, E.W. **606**, 899. **617**, 807. **684**, 110. **691**, 118. **694**, 109.
Book Review **735**, 118.
Growing Role of the Submarine **719**, 49.
Survivor Benefits--What Are They? **634**, 1332.
Thresher (SSN-593) **733**, 37.
What Clearance Eligibility Do You Have? **623**, 75.
Grenfell Gun-Sighting Device **105**, 287.
Grenville, R.: Joyful Spirit. S.E. Moses **405**, 1587.
Grenville (Eng.) **351**, 766.
Gresham, William T.: The Sinking of the Aztec **172**, 1324.
Gresham's Law, Stars, Stripes, and. E.B. Strauss **781**, 51. **785**, 97. **788**, 110.
Gress, D.H.: Effect of Sea Pay on Retention (ProfNote) **849**, 117.
Grettenberger, J.O.: Needed--A Course in Ship Identification (anec) **719**, 119.
Gretton, P.W. **632**, 1156. **645**, 1233.
Splitting the List in the Royal Navy (ProfNote) **631**, 1061.
Grey, Sir Edward: On Armaments, 1913: **150**, 532.
Grey, Viscount: Freedom of Seas **327**, 464.
Greyber, H.D.: Naval Gunfire Today and Tomorrow (C&D) **773**, 106.
Greytown: Bombardment of, 1854: **184**, 1219.
Gridley, W.H.
The Bell Tolls for Him (OldNav) **864**, 74.
New Arrangement for Nautical Almanac **359**, 23, 105.
Proceedings Cover--The American's Creed (C&D) **832**, 102.
Gridley (USS): Launched **186**, 1861.
Grier, T.G. **465**, 1618. **466**, 1770. **484**, 874.
Griffin, G.C.
First Man Overboard Wins (anec) **653**, 721.
Hold Fast, St. Louis (anec) **648**, 217.
Never Mind the Band (anec) **633**, 1257.
Not Smart Enough (anec) **619**, 1009.
Griffin, James, Naval Jonah. A. Farenholt **441**, 1607.
Griffin, R.S.
Electric Drive **168**, 390.
Radio Ship Control **229**, 497.
Griffin, T.D.: The Defenses of Alexandria... **22**, 545.
Griffin, V.G. **622**, 1390. **628**, 706. **636**, 209.
Chief Operator (anec) **617**, 791.
Egged On (anec) **619**, 1009.
Griffis, William E.: David McDougal at Shimonoseki **138**, 620.
Griffith, A.: Death **236**, 1835.
Griffith, F.G. **590**, 438.
Griffith, Frank **705**, 111.
Griffith, J.H. **584**, 1103.
Griffith, P.B.: Against All Enemies (Hanks) (C&D) **809**, 90.
Griffith, S.B.: Amphibious Warfare Yesterday and Tomorrow **570**, 871.
Griffith, S.B., II: Mao Tze Tung--Sun in East **580**, 615.
Griffiths, C.H.: Polaris Duty: Pinnacle or Predicament (C&D) **777**, 109.
Grigore, Julius, Jr.: The O-5 Is Down! **828**, 54. **837**, 94. **838**, 88.
Grigsby, L.T.: Half a Career (C&D) **762**, 117.
Grimshaw: The Steam Engine Indicator... **27**, 803.
Grinsted, A.D. **579**, 550. **612**, 224.
Whence Tomorrow's Aviators? **604**, 654. **609**, 1247.
Gripsholm (motorship) **275**, 163. **276**, 344.
Griswold, Lawrence
Bypassing Malacca (ProfNote) **844**, 105.
From Simonstown to Singapore **825**, 52.
A "New" China Policy? (Duffee) (C&D) **826**, 90.
Griswold, W.R.: New Techniques in Gulf Stream Navigation **570**, 897.
Griswold (U.S.): Story of Small Boy. R.P. Dillon **545**, 817.
Grkovic, George: Soviet Universal Military Service **794**, 54.
Groesbeck, W.G. **256**, 970.
and Harris, F.R.: Future Development of the New York Navy Yard **139**, 853.
Considerations Affecting the Determination of a Naval Programme **117**, 173.
Grog
See also: Wine Mess, End of.
Grog in the Royal Navy. B.W. Blee **678**, 63.
Grog: Its Origin and Use in the U.S. Navy. Constance Lathrop **385**, 377.
No Authorized Daily Issue of Rum in Royal Australian Navy **689**, 101.
Origin of. **217**, 377. **311**, 11.
"Splice the Main Brace." R.E. Bassler **417**, 1588. **424**, 891.
Gromoboi (Rus. cruiser): Description **103**, 659.
Gronningsaeter, Arne: Russia's Expanding Sea Fisheries (ProfNote) **628**, 711.
Groome, J.C., Jr. **403**, 1319.
Gross, M.G.: Pollution of the Coastal Ocean and the Great Lakes (NavRev) **819**, 228.
Grosser Kurfurst (Ger. battleship): Description; plans **164**, 1271.
Grossman, Albert (joint author): See: E.F. Luckenbach, Jr.
Grosz, N.H., Jr.: The Italian Communists: Sixth Fleet Threat? **896**, 24.
Grotius, Hugo: See: Walls Beneath the Sea.
Ground Effects Machines: Water Bugs Are Coming. E.N. Wolfe **681**, 75.
Groundings
See also: Collisions and Groundings; Names of vessels.
Ship Aground: The Do's and Don'ts (ProfNote). W.I. Milwee, Jr. **853**, 118.
Grouper (U.S.): See: M.D. Bennett and J.D. Alden.
Groverman, W.H.: Code and Cipher (anec) **688**, 82.
Groves, D.G.: Oh-Oh! Wrong Stranger! (anec) **755**, 43.
Groves, Don
Challenger to Challenge to Chance? (ProfNote) **733**, 134.
Hitting Home with a Boomerang (ProfNote) **752**, 139.
New Oceanographic Buoy (ProfNote) **764**, 156.
Questions About the Large Hydrofoils (ProfNote) **715**, 128.
Sealab I: **744**, 64.
Groves, P.C.R.: War Uses of Commercial Aircraft **331**, 864.
Grow, G.: Carbon Dioxide Refrigerating Plants **263**, 139.
Grow, H.B.
Bombing Virginia and New Jersey **250**, 1987. **333**, 1052.
Tactical Employment of Naval Aircraft **253**, 341.
Growler (U.S.): See: Sea Trials.
Growth of Naval Officers. F.A. Todd **355**, 1325. **358**, 1799.
Growth vs. Conservation: A Different World. R.F. Leider **842**, 18.
Grubb, F.E.: Unification in Canada (C&D) **778**, 107.
Gruenwald, Bruno: Tactical Implications of the Washington Naval Conference (Silver & Etzold) (C&D) **853**, 92.
Grumman, H.R.
Identification of Stars **298**, 1283.
Three Simple Navigational Nomograms **402**, 1117. **409**, 396.
Grumman F-14 Tomcat--June 1973 Cover.
Grunsky, C.E.: Merchant Marine **298**, 1271. **301**, 220.
Grupp, G.W.
Economic and Military Importance of Our Inland Waterways **566**, 407.
Man and Materials in Polar Regions **558**, 865.
Navy Cold Weather Construction Engineering **561**, 1233.
Navy Overland Transportation Methods in Polar Regions **560**, 1123.
Rear Admiral George Wallace Melville as Man and Engineer-in-Chief of Navy **543**, 613.
Grzymala, T.C. **708**, 114.
Career Retention and the Division Officer (C&D) **764**, 130.
Professional Officer Educators (C&D) **771**, 121.
Surface Line Officer: Some Conn, Some Can't (Larson) (C&D) **839**, 87.
Guadalcanal
Battle of:
Decisive Battle of Pacific War. W.E. Strope **519**, 627. **524**, 1347.
San Francisco Story. B. McCandless **669**, 35.
Japan's Losing Struggle for Guadalcanal. Raizo Tanaka **641**, 687. **642**, 815.
Guadalcanal (U.S.): A Wright Way To Tow (ProfNote). F.M. Romanick **802**, 136.
Guam
Battle of the Philippine Sea (C&D) **859**, 88.
Before December, 1941. L.W. Johnson **473**, 991.
Capture, Charleston (U.S.) **255**, 753. **353**, 1011.
Capture of Guam by USS Charleston. F. Portusach **170**, 707.
Economic Development of Guam. R.C. Smith **201**, 1871.
USS Gold Star--Flagship of the Guam Navy. J.U. Lademan, Jr. **850**, 67.
Guam. G.J. Rowcliff **509**, 781.
Guam as a Naval Base. A.W. Hinds **156**, 449.
Guam Story. W. Thompson **578**, 379. **591**, 555.
Importance of Philippines and Guam. B.A. Fiske **225**, 1676.
I Saw Morning Break. H.E. Smith **517**, 403.
Lion Six. D.H. Hammer **529**, 273. **535**, 1106.
Lion Six: "Organized Confusion." D.H. Hammer **530**, 401. **535**, 1106.
Mr. Dampier Also Went to Guam--In 1686. W.T. Pickering **510**, 931.
Naval Base **228**, 289. **542**, 483.
Naval Base: There May Be Other Guams. R.M. Langdon **554**, 435.
Notes on Asiatic Cruise. F.J. Nelson

Guam (Cont.)
Notes (Cont.)
397, 390.
Our Western Outpost. F.J. Nelson **443**, 83.
Safford, Lieutenant William E.--Guam's First Lieutenant Governor. F.J. Nelson **594**, 851. **611**, 90.
Typhoons Over Guam. F.J. Nelson **456**, 237.
Universal Military Training in Guam. R.C. Smith, illus. **187**, 1987.
Water System, Rebuilding Guam's War-Torn. W.A. Lawrence **518**, 561.
What Future Guam? W.W. Bradley **367**, 1276.
Why Guam Alone Is American. F.J. Nelson **402**, 1131.
Guam (U.S.) **333**, 1056.
USS Guam (LPH-9) (Pict) **756**, 84.
Guanidine: Use of. **101**, 144.
Guantanamo, Cuba: U.S. Treaty Rights in the Caribbean (ProfNote). C.L. Cochran **785**, 128.
Guantanamo Bay, British Occupation of. F. Sherman **338**, 509.
Guantanamo Naval Base: Gitmo-Vestige of Americana in Cuba (ProfNote). L.D. Bender **850**, 114.
Guardian (Gt.Br.): How Riou Saved HMS Guardian (OldNav). H.P. Martin **773**, 158.
Guarini, Emile: Marconi's "Carlo Alberto" Experiments **104**, 1013.
Guarino, T.A., and C.F. Muller, Jr.: The Eyes of the Fleet (ProfNote) **884**, 117. **889**, 82. **894**, 68.
Guatemala **208**, 990. **227**, 157.
Guba (U.S. flying boat) **453**, 1584.
Guelzo, C.M.
Chore or Challenge: A Professional Ethic for the Nuclear Age **735**, 26.
Credible Incentive (C&D) **742**, 107.
Long, Hard Climb to Professionalism **768**, 85. **772**, 111.
Guepard (Fr.) **316**, 533. **338**, 541.
Guerrero (Mex.) **181**, 527. **457**, 379.
Guerriere (Br.) **804**, 98.
and Constitution (U.S.) **370**, 1209.
Constitution Versus Guerriere. Linda McKee **714**, 72.
Guerriere (USS) **330**, 706.
Guerrilla Warfare
Counter-Guerrilla Operations. H.R. Simpson **808**, 56.
Genesis of Air Support in Guerrilla Operations. V.E. Megee **748**, 48.
Guerrilla Warfare and His World. H.R. Simpson **798**, 42.
Guerrilla Warfare Is Different. W.H. Hessler **710**, 35.
Guerrilla War the Communists Lost. D.G. Kousoulas **723**, 66.
Guerrilla War in Malaya. J.E. Dougherty **667**, 41.
Guerrillas and the Laws of War. R.D. Powers, Jr. **721**, 83.
How to Fight Guerrillas. H.D. Stewart **713**, 23.
Navy Guerrilla. Roy Stratton **725**, 83.
Navy's Black Berets Hit Viet Cong with Own Tactics (Nbk) **772**, 142.
Problems of Counter-Insurgency. E.F. Black **716**, 22.
Stingray '70. F.J. West, Jr. **801**, 26. **806**, 101.
Study Calls for Night Army (Nbk) **777**, 150.
Terror. H.R. Simpson **806**, 64. **816**, 89. **818**, 96.
Thinking About Guerrilla War. Otto Heilbrunn **755**, 36.
Vietnam...A New Type of War? M.E. Geneste **783**, 66.
Wilkins, F. **613**, 311.
Guest, M.S.: Tale of a Sea-Going Peach Pie **166**, 1953.
Guggenheim, D.
Endows Leland Standford and Calif. Inst. of Tech. **285**, 2380.
Fund Members **286**, 2616.
Leader in Commercial Aeronautics **277**, 518.
Safety Competition **322**, 1076. **325**, 249. **327**, 450.
Guia Narrows (Magellan): Photo **130**, 465.
Guiana Map, 1647: **438**, 1178.
Guida, R.A.
Navy Social Calls (Flynn) (C&D) **868**, 83.
The Need for a New Morality (Mack) (C&D) **877**, 114.
Guided Missiles **531**, 584.
Bases: Pacific Missile Range. E.E. Mouton **676**, 80.
Controlling the Terrier Guided Missile (ProfNote) **653**, 793.
Cruisers: Tomorrow's Fleet. J.D. Alden **887**, 117.
Escort Ship: DEG Tartar Missile System (NewNav). T.B. Buell **759**, 174.
Frigates: Tomorrow's Fleet. J.D. Alden **887**, 119.
Missile Navy. W.D. Brinckloe **660**, 23.
Nation's Safety Valve. D.P. Dakos **665**, 67.
Polaris Blue and Gold (ProfNote). N.G. Ward **678**, 133.
Sparrow I--Epoch in Missilry (ProfNote). W.T. White and B.H. Mandell **658**, 1366.
Time for Decision. A.P. Slaff **642**, 809.
Guided Weapon Technology: Battlefield Guided Weapons: The Big Equalizer. P.A. Wilson **864**, 18. **869**, 78.
Guidoni, A.: Salvage of Leonardo da Vinci **225**, 1689.
Guildford Castle (Br. hospitalship): Attacked by Submarine **183**, 1146.
Guiler, R.P.
Naval Gun Factory **257**, 1107.
Naval Mirrors **255**, 699.
Guill, J.H. **663**, 112.
Lenin and Soviet Grand Design for the Arctic **665**, 89.
Nine Keys to Atlantic Defense **608**, 1077.
Regimen of the Seas **658**, 1308.
Soviet Maritime Expansion in the Pacific **681**, 56.
Guille, S.L.: Spanish Naval War College (ProfNote) **793**, 132.
Guimond, G.R.: First Inter-American Naval Academy Conference (ProfNote) **704**, 146.
Guinn, D.H.
Master's Degree Program for Student Naval Aviators **792**, 37.
Prime 69: **795**, 50, 130.
Gulbransen, H.G. **423**, 738.
Commercial Air Navigation **418**, 1713.
Gulflight (SS)
Torpedoed **157**, 988.
U.S. Note to Germany Regarding Cushing and Gulflight **158**, 1347.
Gulf Stream
How Far From Nantucket is the Gulf Stream? **151**, 900.
New Data... J.R. Bartlett **20**, 221.
Ocean Current Riding (ProfNote). Truxtun Umsted **755**, 147. **761**, 123.
Pillsbury, J.E. **72**, 821.
The Recent Investigation by the U.S. Coast and Geodetic Steamer Blake. J.R. Bartlett **15**, 25.
Gulick, R.M., Jr. **724**, 117.
Gullett, W.M.: Malta, Focal Point of Mediterranean Control **455**, 15.
Gulliver, L.J. **427**, 1348. **429**, 1649. **446**, 573. **470**, 553. **481**, 411. **486**, 1117. **494**, 448. **506**, 444. **513**, 1359. **516**, 290. **543**, 627. **584**, 1106. **586**, 1339. **584**, 1106. **586**, 1339. **592**, 667. **610**, 1365.
Admiral Columbus **263**, 96.
Better Iron Men for Navy **328**, 527.
Dear John... (anec) **683**, 57.
Fox's Mission to Russia **477**, 1519.
Gloucester at Santiago **306**, 658.
Heroic De Long and Arctic Followers **322**, 1015.
Just Old American Custom (anec) **585**, 1173.
Navy and First U.S. Ocean Mail Ships **439**, 1264.
Navy Gunboat Vicksburg Captures German Sea Raider **470**, 534.
One Hundred Brass Guns **431**, 74. **433**, 403.
Oregon's Coal (anec) **543**, 611.
Sampson and Shafter at Santiago **436**, 799.
Ship Portraits by Antoine Roux and Sons **324**, 121.
Shrinking Violets (anec) **566**, 429.
Truk in Carolines **490**, 1557.
Yangtze U.S. Gunboats **475**, 1285. **477**, 1610.
You Can't Win (anec) **550**, 1479.
Gulmon, R.H.: Polynesian Navigation: They Made It, But How? (ProfNote) **860**, 106. **865**, 75.
Gumz, D.G.: Bureau of the Budget and Defense Fiscal Policy **674**, 80.
Gunboat No. 7 (U.S.) **377**, 949.
Gunboats
China **330**, 757.
Colombia **334**, 1139.
England **353**, 1072.
Four, Lost, Strayed, or Stolen. G. Howell **326**, 281.
France **353**, 1074.
Gunboat Construction at Shanghai. E.M. Ellis **319**, 783.
Gunboat Saga. W.B. Porter **494**, 421.
Gunboats in the Desert. C.L. Parnell **789**, 74. **793**, 103. **794**, 110. **798**, 110.
James B. Eads: Navy Shipbuilder, 1861 (OldNav). P.F. Dorset **870**, 76.
Japan Orders Turbine Gunboats for River Duty **106**, 487.
Netherlands **287**, 98.
New U.S. Motor Gunboats (ProfNote). Henry Dale **769**, 135.
River Gunfire Support Ship (ProfNote). W.J. Green, Jr. **776**, 135. **780**, 100, 101.
Sons of Gunboats. H.E. Yarnell **509**, 825. **516**, 285.
Spain **335**, 66.
Stapler, John (illus.) **163**, 861.
Trials of British Gunboats, 1902: **101**, 110.
United States **333**, 1009. **335**, 64, 69, 110. **337**, 353, 426. **345**, 1573. **354**, 1219.
Gunboats in the River War, 1861-1865 (Pict). J.C. Roberts and R.H. Webber **745**, 83.
Yangtze U.S. Gunboats. L.J. Gulliver **475**, 1285. **477**, 1610.
Gundersdorf, William J.: An Absence of Accountability (Beavers) (C&D) **878**, 81.
Gun Fire, Errors of, at Sea. P.R. Alger **96**, 575.
Gunfire Control: Mk 86 Gunfire Control System (ProfNote). Vin Vinci **894**, 92.
Gunfire Support
Eight-Inch Gun Cruiser (ProfNote). R.F. Rockwell **803**, 119. **808**, 109.
Gun Gap and How to Close It. R.D. Heinl, Jr. **751**, 26. **755**, 112. **757**, 117.
Naval Gunfire Support (C&D) **785**, 95.
Naval Gunfire Today and Tomorrow. J.B. Soper **763**, 52. **766**, 132, 133. **769**, 109. **773**, 106. **774**, 108. **776**, 111. **777**, 102. **778**, 111.
Navy "Gun Gap" Worries Marines (Nbk)

742, 146.
Naval Gun in Vietnam (ProfNote). W.J. Stewart 770, 132.
Navy Guns Help Vietnam Ground War (Nbk) 754, 158.
Gunfire Support Ship: River Gunfire Support Ship (ProfNote). W.J. Green, Jr. 776, 135.
Gunga Din 247, 1575.
Gunn, S.
Earliest Exponent of Seapower 183, 1031.
Influence of Sea Power on Civilization 206, 579.
Gunn Altimeter 311, 63.
Gunnery
See also: Fire Control; Marksmanship; Target Practice.
Accuracy of Gunfire at Night 134, 473.
Accuracy of Pointing at Long Range. G.L. Schuyler 172, 1207.
Anti-torpedo-boat fire 110, 459.
Art of Long Range Hitting 150, 536.
A Battery Officer's Suggestion. C.L. Lothrop 156, 513.
Effectiveness of Skill. B.A. Fiske 155, 67.
English and American Gunnery 90, 441.
Fire Action Against Aircraft 151, 895.
Firing Interval. P.R. Alger 127, 1023.
Fletcher Rapid-fire Breech Mechanism. A. Gleaves 71, 605.
The Gun: Genius of Naval Warfare. R. Daveluy 135, 774.
Gunnery Characteristics of the Normandies 152, 1226.
Gunnery Ships: England 339, 633.
Hadfield's Range Diagram 125, 352.
Hitting an Invisible Ship at a 10-mile Range 156, 642.
Long Range Firing 158, 1308.
Major Elements of War Efficiency. L.A. Cotten 131, 667.
Note on Salvo Dispersion. Garret Schuyler 139, 1005.
Principal Causes Affecting the Fire of Big Guns 160, 2052.
Rapidity of Gunfire. C.C. Gill 146, 699. Schuyler, G.L. 147, 1318.
Relation of Mean Dispersion to Total Size of Salvo Pattern. G.L. Schuyler 172, 1213.
Sladen's. J.M. Rice 19, 191.
Sub-Caliber Drill. C.C. Gill 145, 87.
Systematic Preparations for Battle. J.G. Quinby 122, 646.
Tactics and Gunnery. T.T. Craven 171, 917.
Tactics of the Gun. A.P. Niblack 104, 925.
Training Ranges and Long Range Firing. Sir P. Scott 112, 833.
Sims, W.S. 111, 511.
Smith, R.C. 112, 833.
Value of Fire Rapidity 156, 562.
Weight of Metal vs. Volume of Fire 156, 685.
Why England Makes Costly Experiments 150, 569.
Gunning, J.P.: The Helicopter: An Extension of the DE in the Royal Navy (ProfNote) 822, 105.
Gunning, M.F.
Diesel-Engined Warships 279, 900.
Naval Limitation from Technical Point of View 368, 1433, 1527.
Gunpowder: See also: Explosives.
Gunpowder and Explosives
Detonators with Very Little Fulminate 98, 423.
Explosives
Chlorate Mixtures. 100, 806.
Explosions of Magazines on Spanish Ships After Santiago 98, 423.
Japan, New Explosive 97, 201.
Lyddite, Poor Work in South Africa 97, 200.
Maximite, Trial 97, 200.
Maximite in Shells, Tests 98, 426.
Nitro-cellulose, Cause of Instability 97, 201.
Nitro Explosives, Borland System of Manufacture 100, 806.
Thorite, Appropriation for Purchase 98, 413.
Thorite, Description, Remarks 99, 628.
Gunpowder
Ballistite, Deterioration 97, 200.
Bernadou's Patent 99, 628.
Cementing Agent for Smokeless Powder 99, 628.
Chemical Theory. H. Debus 23, 1.
Chemical Theory of the Combustion of Gunpowder. C.E. Munroe, Tr. 10, 538.
Combustion of Gunpowder in Guns. J.F. Meigs 33, 321.
Comparative Energies of Black, Brown, and Smokeless Powders 99, 627.
Development of Smokeless Powder 100, 803.
Du Buit and Luciani Powder (Form of Grain) 100, 803.
Erosion, Theory of Erosive Action 97, 198. 98, 418.
Explosive Force of Gunpowder. W.M. Folger 7, 99.
Fossano Powder Works to be Rebuilt 97, 200.
Nitro-cellulose Powders, Regular Velocities 97, 199.
Sweden, Development 100, 804.
United States Army Smokeless 100, 803.
United States Navy Smokeless 100, 803.
U.S. Navy Smokeless, Erosive Action 97, 199.
U.S. Navy Smokeless, Explosion at Mare Island 99, 628.
U.S. Navy Smokeless, Keeping Qualities 97, 199.
The Use of Steam in the Manufacture of Gunpowder 16, 183.
Gunpowder Magazines, The Drying of. C.E. Munroe 24, 332.
Gunshot Injuries... H.G. Beyer 69, 149.
Lyddite, Poor Work in South Africa 97, 200.
Maximite, Trial 97, 200.
Nitro-cellulose, Cause of Instability 97, 201.
Theory of Erosive Action 97, 198.
Thorite
Appropriation for Purchase 98, 413.
Description, Remarks 99, 628.
Guns
The 34-cm. Gun. R. Wainwright 48, 149.
3-in. guns for U.S. submarines 149, 248.
3-in. Guns on Aeroplanes 158, 1304.
7-in. naval gun, tractor, mount, illus. 192, 259, 277.
The 13.5 in. gun, 1908: 127, 1073.
16-in. Gun for Panama, 1913: 148, 1777.
A 16-in. Gun for the U.S. Navy? 1911: 140, 1446.
16-in. Gun (Naval), 1918: 181, 627.
16-in. Guns for U.S. Battleships, 1916: 162, 602.
16-in. Naval Gun for U.S. 157, 935.
17-in. Guns an "Old Story" 162, 603.
18-in. Gun for U.S. Battleships? 162, 603.
18-in. Naval Gun for Use on Land 166, 1975.
22-in. Guns in French Army 178, 3064.
The 100-Ton. T.B.M. Mason 2, 101.
Accidents
See also: Names of Vessels.
Bands of two 12-in. guns cracked, 1916: 163, 958.
Cause of Back-Flash from Smokeless Powders 123, 1129.
Causes of Flarebacks 128, 1342.
Causes of Premature Explosions in Guns 103, 733.
Comet (HMS) Has Fatal Breech Explosion 112, 884.
Explosion of 6-in. Gun at Bofors Works, Sweden 102, 371.
Fatal Breech Explosion Aboard French Gunnery-ship Couronne 128, 1340.
Fatal Breech Explosion Aboard Japanese Battleship Kashima 124, 1528.
Fatal Breech Explosion of British 13-in. Gun While Proving 145, 380.
Fatal Explosion Aboard HMS King Edward VII: 144, 1652.
Fatal Explosion Aboard HMS Nymph 142, 765.
French Jules-Michelet Fatal Flare-Back 143, 1115.
Georgia (USS) Fatal Gun Explosion 124, 1532.
Gun Accidents Aboard Mongolia, St. Louis and St. Paul 173, 1510.
Gun Accidents from Back-Flash 140, 1451.
Gun Explosion at Ft. Leavenworth, 1902: 101, 153.
Italian 12-in. Gun Fatal Explosion at Proving Ground 150, 566.
Japanese 12-in. Gun Explodes While Proving 142, 773.
Kearsarge (USS) Has 5-in. Gun Muzzle Blown Off, 1902: 101, 148.
Latouche-Treville Has Fatal Gun Mishap 128, 1340.
Magnificent (HMS) Has Fatal Breech Explosion 115, 728.
Mars (HMS) Hang-Fire Explosion 102, 385, 428.
6-in. Charge Explodes Prematurely on the Thuringen 142, 757.
American Tank-Wrecking Gun 187, 2128.
Anti-Aircraft Guns
Balloon Guns and Projectiles, 1910: 136, 1183.
Combined Bomb and Arrow Projectile for Destroying Aircraft 153, 1507.
Effectiveness of Anti-Aircraft Guns 186, 1894.
Ehrhardt Anti-Aircraft Gun, illus. 144, 1670.
Experimental Tests of Guns Firing at Balloons, 1909: 132, 1299.
Experiments with Aircraft Destroying Gun at Needles Battery 149, 248. 150, 505, 586.
Illustration of Anti-Aircraft Gun on Italian Destroyer, 1918: 188, 2437.
Illustration of Latest 1918 Type of Anti-Aircraft Gun 189, 2613.
Italian Anti-Aircraft Gun Trials 144, 1658.
Lewis Anti-Aircraft Gun, 1912: 143, 1148.
Naval Anti-Aircraft Defenses 171, 1054.
Range of Anti-Aircraft Artillery 160, 2075.
U.S. Aerial Defense Gun, 1914: 155, 208.
Army Board Urges 16-in. Guns for Coast Defense 156, 559.
Austria: Field Guns, Bronze 99, 631.
Barry and Pemberton. Double Breech Mechanism 99, 630.
Battleship Best Adapted to the Italian Navy... R. Bernotti 129, 189.
Bethlehem. New Breech Closure 99, 630.
The Big Gun in 1910: 135, 899.
The Big Gun in the Big Ship 167, 184.
Big Guns and New Guns of the War. M.B. Dill 187, 2130.
Big Guns and Projectiles, 1916: 163, 960.
The British 15-in. Gun, 1914: 151, 880.
British 18-in. Naval Gun 195, 815.
British and French 94, 399.
British and German Naval Ordnance,

Guns (Cont.)
British... (Cont.)
1918: **183**, 1099.
British Defective Naval Guns, 1905: **114**, 521.
Colt's New Machine **87**, 530.
Comparison of Big Guns in the World's Warships **143**, 1150.
Consideration of the caliber of the main battery of battleships. D.J.M. Cervera. Tr. by S.V. Graham **144**, 1595.
Corrections for Wind, Motion of Gun, and Speed of Target... R.R. Ingersoll **33**, 207.
Could Ships Carry Howitzers? **162**, 605.
The Creusot 520 m. Weapon **184**, 1329.
Dawson and Silverman. Semi-automatic Mechanism **99**, 630.
Disappearing: (Disc.) **76**, 867.
The Disappearing Gun Afloat. R.P. Hobson **75**, 599.
Droop of Guns. J.W. Bunkley **172**, 1217.
The Dudley Powder Pneumatic. H.P. Elwell **78**, 451.
Efficiency of German 11-in. Guns in 1908: **128**, 1339.
Elastic Strength of. J.H. Glennon **73**, 175.
Electro Magnetic Gun **101**, 148.
Endurance Tests of Krupp Naval Guns of Large Caliber. P.R. Alger **132**, 1205.
Facts About the Big German Howitzer, 1915: **157**, 938.
Field Gun Efficiency, 1904: **109**, 240.
Firing
Armstrong: 9.2-inch Gun, Alleged Speed of Fire **99**, 633.
Austria, Army: Trials of New Field Guns (Bronze) **100**, 832.
Brown Wire-Wound Gun: 10-inch Breech Blown off, Description of Gun **100**, 828.
Brown Wire-Wound Gun: 10-inch, First Tests **98**, 429.
Gathmann: Failure to Achieve Results Expected by Inventor **100**, 829.
High Angle Fire: Firing of Mortars and Howitzers **98**, 428.
Italy, Navy: 5.9-inch Gun, Accident **97**, 204.
Special: Infantry Fire versus Machine Gun **98**, 430.
United States: 12-inch (New) Trials **100**, 824.
Firing--France--Navy
13.4-inch Guns in French Navy, Speed of Firing **100**, 832.
Target Practice at Submarine Boat Target **98**, 430.
Target Practice in French Navy at Old Torpedo-Boat **100**, 831.
Firing--Great Britain--Navy
6-inch on Royal Sovereign, Accident **100**, 830.
9.2-inch Guns, Speed of Firing **100**, 830.
10-inch, Accident to 10-inch Gun of Thunderer **97**, 203.
12-inch Guns of Formidable, Speed of Fire **99**, 632.
12-inch Guns, New, Speed of Fire **99**, 632. **100**, 830
12-pounders, Breech Blew Out **99**, 635.
Belleisle Experiments, Refit of Belleisle for New Trials **98**, 430.
Belleisle Experiments, to be Renewed, Description **100**, 830.
Scorpion Experiments **99**, 632.
Target (Best) Records in British Navy, 1899, 1900, 1901: **100**, 831.
Target Practice in British Navy **100**, 830.
Target Practice Instructions **100**, 830.
Target Practice of the Terrible and Other Target Practice **99**, 634.
Firing--Small Arms
Modern Gunshot Wounds **98**, 430.
Penetration of Soft-Nosed Bullets in Flesh... **100**, 838.
Firing--United States Army
12-inch Gun with Maximite Shell **98**, 426.
12-inch Mortars, Proposed Test at Portland, Maine **99**, 635.
12-inch Mortar Tests at Portland, Maine, Partial Report of Results **100**, 429.
12-inch Mortars, Tests to be Made at Portland, Maine, Remarks on Character **98**, 429.
Gun Accident at Sandy Hook **97**, 204.
Trials of Field Guns at Sandy Hook **100**, 832.
Firing--United States Navy
3-inch (New), Trials **100**, 826.
4-inch (New), Trials **100**, 825.
5-inch Gun, M. 99, Trials **98**, 425.
6-inch (New), Trials **100**, 825.
7-inch (New), Trials **100**, 827.
13-inch, Accident to 13-inch Gun of Kearsarge **97**, 203.
Notes on Firing Interval **97**, 71.
Firing--Vickers-Maxim
14-cm. Gun, Speed of Fire... **99**, 634.
6-inch Gun, Trials, Speed of Fire **99**, 633.
7.5-inch Gun, Trials, Speed of Fire **99**, 633.
9.2-inch Gun, Speed of Fire **99**, 633.
Fittings
Adapter for Firing Blank Ammunition in Machine Guns **100**, 823.
Sights, New Type **100**, 834.
Forgings and Armor Plate in the United States. R.W. Davenport **68**, 485.
For the Army, 16-inch **69**, 211.
France, New Design of Naval Gun, 1904: **109**, 238.
French Naval Ordnance in 1909: **131**, 981.
French Portable Quick Firing Cannon, 1917: **175**, 2065.
Future of the Field Gun, 1911: **138**, 657.
The Gardner **20**, 326.
Gathmann Gun **101**, 149.
18-inch Torpedo Gun, Description... **99**, 629.
Appropriation for Trial **98**, 413.
General
Calibers of Guns, Remarks **97**, 201.
Loading, Rapid Loading of Guns **97**, 201.
Germany
The German 42-cm. Gun **161**, 269.
German 17-inch Howitzer **155**, 205.
The German Long-Range Gun, 1918: **183**, 1102. **184**, 1328.
German Long-Range Gun **199**, 1617.
Germany's Naval Guns in 1914: **156**, 558.
Germany's New Gun, 1913 (Krupp 15-inch) **148**, 1734.
Graphic representation of the relation of pressures and shrinkages of the built-up guns for the states of action and rest. Louis M. Nulton **119**, 971.
Great Britain
Vickers-Maxim 7.5-inch Gun for British Navy, Section and Description **100**, 812.
Vickers-Maxim 12-inch, Section and Description **100**, 808.
Sighting Guns for British Turrets **97**, 203.
Gun-Cotton
Best Method for Drying **41**, 269.
For Military Purposes. Karl Rohrer **39**, 563.
Its History, Manufactor, Use. Karl Rohrer **50**, 463.
Wisser, J.P. (Translation) **49**, 373.
Gun-deafness: See: Ear Protectors; Firing, Physical Effects of.
Gun Factories, Steel. W.H. Jaques **31**, 531-906.
Guns and Ammunition, 1900: **94**, 397.
Guns and Armor, 1914: **152**, 1234.
Guns Steel, The Magnetic Qualities of. G.O. Squier **72**, 825.
Guns vs. Armor, 1917: **171**, 1032.
Heavy Guns in the Field in South Africa **107**, 766.
High-Powered, A Study. E.W. Very **20**, 233.
How the navy designed and built the world's heaviest field piece (illus). C.L. McCrea **197**, 1159.
Increasing Caliber of Naval Guns, 1916: **166**, 2007.
In Naval Warfare, The. P.R. Alger **72**, 691.
Italy
Field Guns (New) **99**, 632.
Pozzuoli-Armstrong, Failures... **100**, 822.
Proposed Gun Factories **99**, 631.
Japan
Japanese Ordnance in 1904: **111**, 663.
Vickers-Maxim 6-inch Gun for Japanese Navy, Section and Description **100**, 812.
Krupp
11.02-inch, New, so-called Rapid-Fire **97**, 202.
Breech Mechanism, New Automatic Type for Large Guns **100**, 822.
Krupp, Armstrong, and Schneider-Canet **96**, 690.
Krupp Guns for Submarines, 1914: **155**, 206.
Krupp Guns of 1913: **147**, 1356.
Krupp Self-Loading 4-in. Gun, 1914: **149**, 251.
Krupp Submarine Gun, 1913 (illus) **146**, 870.
Larger Anti-torpedo Guns, 1912: **141**, 345.
Leugenboom Gun **193**, 449.
Life of Naval Guns, 1912: **141**, 348.
Machine Guns
The Galting Gun. R.J. Gatling **29**, 261.
in Egypt **22**, 588.
Lord Charles Beresford **22**, 585.
W.W. Kimball **18**, 405.
Making in the United States. A. Gleaves (Rev) **45**, 465.
Most Efficient Guns for Destroyers, 1908: **125**, 353.
The Most Suitable Metal for. W.J. McAlpine **41**, 141.
Mounts and Gear
Defective Gun Supports **114**, 520.
Electric Gear of HMS Invincible a Failure? **132**, 1282.
Electric vs. Hydraulic Gear for Gun Mountings, 1909: **129**, 310. **130**, 594.
Electric vs. Hydraulic Gear, 1913: **150**, 568.
Gun and Mount, Proof of 13-inch B.L.R.: R.D. Tisdale **69**, 199.
Gun Mount, New 5-inch (ProfNote). R.F. Rockwell **788**, 133.
Gun Working Machinery in 1911: **138**, 654.
Hydraulic Mounts in British Navy, 1908: **126**, 711.
Improved Loading Conditions, 1912: **141**, 348.
Mounts: Great Britain: Ammunition Hoists, Electric Hoists on British Ships **99**, 601.
Mounts: Great Britain, Navy. 9.2-inch Gun Mount (Armstrong), Trial **97**, 205.
Mounts: Rammers. Armstrong Sectional Rammer **98**, 431.

Mounts: Strauss Gun-bearings **98**, 431.
Mounts: United States: Development... **99**, 529.
Mounts: United States Navy. 12-inch, New **100**, 833.
Mounts: United States Navy. Mount for 3-inch Semi-automatic Gun (illus) and Description **100**, 812.
Mounts of HMS Irresistible **101**, 155
New Appliance for Controlling Gun's Movements, 1902: **103**, 727.
Pecori-Giraldi, G.: Arrangements for Loading Heavy Naval Guns **131**, 986.
Trials of Elevating Gears on Rapid Fire Gun Mounts, 1907: **121**, 421.
U.S. Navy Railway Mount **200**, 1798.
Williams-Janney Gear, 1913: **145**, 394.
Naval Lessons of European War **155**, 294.
The Navy 6-inch B.L.R. T.S. Rodgers **37**, 77.
New 12-inch Naval **96**, 691.
New Naval 4-inch **91**, 705.
New Navy **87**, 530.
New Quick-Fire Naval **87**, 535.
A New Sectional Gun **85**, 129.
The New Smokeless Powder Guns of the U.S. Navy **93**, 226.
New Type (1912) of Australian 13.7 inch gun **143**, 1108.
New Type, Tested **85**, 131.
Non-recoil Gun, 1917: **172**, 1258.
Notes on Care of Rapid-fire Guns and Mounts. J.M. Ellicott **78**, 485.
On the Size of Ordnance **142**, 781.
Persia: Persian Ordnance Factory **100**, 823.
Photographs Showing High Elevation of German and British Naval Guns **163**, 958.
The Pittsburgh Cast-steel Gun. R. Wainwright **48**, 149.
Platform, Rolling **84**, 757.
Progress in Gun Design, 1913: **150**, 567.
Progress in Naval Guns (to 1910): **136**, 1180.
Progress in Ordnance in 1912: **141**, 349.
Proposed Armament for Type Battleship of U.S. Navy. H.C. Poundstone **106**, 377.
A Proposed Method of Ranging Guns. F.W. Jenkins **39**, 477.
Regunning a Battleship **200**, 1798.
Report, 1910, on U.S. Army Ordnance **134**, 624.
Reserve Guns for U.S. Ships **101**, 146.
Resistance of Guns **149**, 249.
Russian Naval Guns, 1904: **110**, 457.
Shields
See also: Ballistics, Erosion of Guns; Sights and Sighting.
Hadfield "Era" Cast Steel 6-inch Shield **126**, 729.
Shields for Cruisers, The V. N.B. Clark **43**, 561.
V-shaped Gun Shields, 1902: **101**, 141.
Shrinking on a 13-inch Jacket. A.L. Key **66**, 215.
Simplified Elastic Strength of Guns. H.T. Winston **138**, 569.
Simpson Automatic Rifle **99**, 631.
Sims-Dudley **83**, 577.
Skoda: 9.45-inch Gun (New), Trial **99**, 630.
Small Arms
See also: Machine guns.
Automatic Guns **113**, 240.
The Automatic Pistol, 1911: **138**, 657.
Automatic Pistols for British Navy, 1911: **137**, 298.
Brodie Automatic Pistol **101**, 161.
British Lee-Enfield Army Rifle, 1903: **106**, 495.
Calibrating Machine for Gun Barrels **185**, 1579.
The Colt's Automatic Revolver and Instruction of Men in its Use. C.E. Van Hook **146**, 677.
The Coming British Automatic Rifle, 1910: **133**, 285.
French, 1910, Army Automatic Rifle **134**, 623.
Hylard Automatic Rifle **101**, 160.
The Japanese Rifle **113**, 239. **122**, 877.
Krag-Jorgensen Rifle Compared with Springfield, 1902: **107**, 772.
McLean Semi-Automatic Rifle, 1902: **101**, 159.
Madsen Automatic Gun **101**, 161.
Magazines in Mausers, 1902: **102**, 433.
Mars Automatic Pistol **101**, 161.
Metal Stocked Rifles **150**, 568.
Mexican Automatic Rifles, 1909: **133**, 286.
The New Infantry Rifle, 1917: **179**, 126. **181**, 626.
Ross Straight-pull Rifle **101**, 159.
Shotgun as a Military Weapon **185**, 1577.
Springfield Rifle, 1902: **101**, 158. **107**, 770.
The Truth About Our Army Rifles, 1917: **178**, 3053.
Young Automatic Army Rifle **144**, 1668.
Spain--Navy
Vickers-Maxim 5.5-inch Gun for Spanish Navy **100**, 812.
Vickers-Maxim Guns for New Ships **100**, 808.
Springs, Spiral versus Flat **69**, 201.
Statistics of Guns Made in U.S. During the War **192**, 279.
Submarine Disappearing Guns (illus) **157**, 940.
Submarines or Heavier Guns? 1914: **151**, 881.
Tension of Winding Wire. P.R. Alger **27**, 793.
Test of Pneumatic **74**, 409.
Tests of 16-inch Naval Ordnance, 1916: **166**, 1995.
Thoughts on Ordnance Material. P.R. Alger **103**, 485.
Three-pounder Semi-automatic **91**, 706.
Training Gun's Crew
British Gunnery Training in 1909: **132**, 1300.
Dummy Gun for Training Gun's Crew **113**, 237, 250.
French Gunnery Training **119**, 1144.
Gunners and Grog **150**, 607.
Gunnery and Torpedo Training in British Navy, 1904: **109**, 221.
Gunnery School at Sonderburg **112**, 849.
Training Gun Captains. W.S. Turpin **104**, 885.
Trial of Vickers **85**, 135.
Tubes, The Erosion of. W.C. Roberts-Austin **87**, 523.
Turkey, Navy. American Machinery for Turkish Arsenals **100**, 823.
Turkey, Navy: Vickers-Maxim 9.2-inch **100**, 812.
United States
Army: Coast-Defense Guns, 16-inch **100**, 808.
Development... **99**, 529.
Navy: 3-inch Semi-automatic Gun **100**, 812.
Navy: 6-inch Quick-fire Gun, Vickers-Maxim Breech Mechanism **100**, 817.
Navy: 14-inch Guns **157**, 936.
Navy: 3-pounder Automatic, Vickers-Maxim Gun **100**, 821.
Navy: Remarks in Report of Chief of Bureau of Ordnance **100**, 807.
U.S. Naval Railway Batteries. L.B. Bye (illus) **196**, 909.
Value of the 16-inch Guns **164**, 1302.
Velocity and Range of Guns **184**, 1326.
Vickers
4-inch Torpedo-defense Gun, 1908: **127**, 1071.
6-inch Quick-firing **86**, 376.
12-inch **89**, 237.
12-inch Gun, 1910: **136**, 1185.
Automatic 14-pounder **93**, 221.
Quick-fire Field **86**, 378. **87**, 521.
Vickers-Maxim
5.5-inch Gun for Spanish Navy **100**, 812.
6-inch Gun for Japanese Navy **100**, 812.
6-inch Quick-fire Gun, Breech Mechanism **100**, 817.
7.5-inch Gun for British Navy **100**, 812.
7.5-inch Guns Ordered for Spain **99**, 630.
9.2-inch Gun for Turkey **100**, 812.
12-inch for British Navy **100**, 808.
12-inch Wirewound Gun, 1906: **118**, 731.
3-pounder Automatic **100**, 821.
Ordered for Spanish Navy **100**, 812.
Various Pieces, Remarks **97**, 202.
Von Lobell Annual Ordnance Reports, 1903: **112**, 884.
The Willson Disc. R.R. Ingersoll **68**, 415.
Wire-wound **87**, 526.
W.H. Jaques **68**, 486.
Guns and Gunnery
Abu'l-Mahasin's Cannon **448**, 790, 793.
Accuracy of Fire at Long Ranges **210**, 1175. **213**, 1811.
Admiral Scott and Gunnery of British Navy. H.A. DeWeerd **331**, 815. **333**, 1031.
Advanced Rules for Gunnery Exercise **245**, 1211.
Anti-aircraft **208**, 968. **252**, 312. **253**, 490. **255**, 851. **267**, 854. **301**, 224. **312**, 147. **338**, 541.
Anti-aircraft Artillery. H.C. Bywater **255**, 851.
Anti-aircraft Defense
Haw, J.C. **274**, 2883.
Rougeron, C. **341**, 972.
Aircraft Bomb and Naval Gun. L.C. Ramsey **367**, 1289. **370**, 1785. **372**, 245.
Application of Motion Study to Naval Gunnery. J.C. Cross **262**, 1998.
Armament Cycle **542**, 484.
Armaments and Gunnery in Coast Guard. R.R. Waesche **315**, 381.
Armed Guard: Navy Stepchildren. B.L. Britton **538**, 1495. **584**, 1103.
Army **351**, 763.
Ballistic Corrections. A.S. Hawkesworth **222**, 1233.
Ballistic Engineering Problems
Thompson, L. **327**, 411. **331**, 850. **334**, 1131.
Thompson, L. and Riffolt, N. **349**, 383.
Battery Arrangement, Capital Ships **411**, 749.
Big Bertha, 1855 Style. W. Ley **456**, 199.
Book Reviews **329**, 667. **356**, 1521.
British Naval Gunnery, Admiral Sir Percy Scott and. J.F. White, Jr. **554**, 449. **565**, 328.
Bullets, Boat-tail **242**, 700. **276**, 349.
Bureau of Ordnance (Pict) **552**, 213.
Combat Rifle Sling. M.K. Short **572**, 1119. **578**, 427.
Comparisons **244**, 1048. **259**, 1573.
Concerning Guns. H. Russell **303**, 419.
Construction **208**, 939, 974. **214**, 1941. **216**, 280. **219**, 780. **220**, 958. **236**, 1817. **345**, 1578.
Cruiser **252**, 312. **264**, 309, 332. **307**, 787.
Destroyer **344**, 1413.
Director Fire a Century Ago. W.H.P. Blandy **209**, 1089. **211**, 1485.
Distribution of Shots in Long-Range Salvos. G.L. Schuyler **311**, 24.

Guns and Gunnery (Cont.)
Drooping Gun, Guantanamo Bay, Cuba **352**, 942.
Early American Ordnance **389**, 1055.
Ejectors, Gas **265**, 497.
Elastic Strength of Radially Expanded Guns. W.H.P. Blandy **220**, 883.
Electric **227**, 143.
Electric Shrinking Furnace **236**, 1817.
Elevation **245**, 1210. **247**, 1563. **252**, 312. **257**, 1173. **260**, 1712, 1743. **264**, 305, 311, 330. **265**, 479, 482.
Empirical Representations of Experimental Data. G.L. Schuyler **347**, 88.
Erosion **203**, 143. **210**, 1361.
Excellent (HMS) **331**, 855.
Exterior Ballistics-Wind Correction. T.J. Raftery **339**, 630. **342**, 1103.
Fire Control **344**, 1409.
Fire Control Problems and Solution. H.W. Hill **225**, 1765.
Formulae for Volume and Center of Gravity of Projectile. H.M. Brayton **236**, 1767.
French **214**, 2006. **229**, 456. **231**, 846. **338**, 541. **353**, 1073.
Future Fleet. F.G. Percival **462**, 1075.
Future of Rocket in Naval Warfare. P.W. Martin **510**, 905.
Garand Rifle: Our New Service Rifle. M. Nohrden **436**, 865.
German **218**, 583. **242**, 700. **250**, 2098. **252**, 313. **345**, 1569.
German Long-Range Gun. H.W. Miller **250**, 2098.
Gun Construction by Radial Expansion. S.J. Brown **214**, 1941.
Gun Defense Against Torpedo Planes. R.K. Turner and T.D. Ruddock **236**, 1687.
Gunfire Support, Development of Naval, of Amphibious Operations. I.E. McMillian **539**, 1.
Gunfire Support Lessons Learned in World War II. I.E. McMillian **546**, 979.
Gunnery and Turret Design. H.F. Teary **223**, 1393.
Gunnery Problems of 1783. D.P. Moon **316**, 506.
Gun Power. H. Russell **258**, 1375. **310**, 1104.
Gun Systems? For Air Defense? (C&D) **827**, 92.
Gun Systems in Air Defense--Feasible or Fiction? (ProfNote). W.J. Smith **839**, 109.
Gyro-Compass **304**, 500.
Higher Gun Reach Navy's Need. C. Morand **259**, 1570.
History: Great Guns. W.J. Ashley **387**, 627.
Improvements in Our Gunnery Training. W.H.P. Blandy **271**, 1696. **274**, 2334, 2338.
Indirect Fire for Naval Guns. W.S. Anderson **215**, 61. **216**, 249.
Japan **208**, 939.
Jutland, Gunnery in Battle of. H.C. Bywater **271**, 1780.
Kahoolawe, T.H.: Most Shot-At Island in Pacific. R.D. Heinl, Jr. **530**, 397.
Kentucky Rifle. F.L. Oliver **435**, 679.
Keokuk's Guns. H. von Kolnitz **423**, 678.
Landings, Naval Gunfire in Support of. W.C. Ansel **353**, 1001.
Lessons of Jutland Affecting Design of Turret Armor. N.B. Musser **266**, 562.
Logs, Useful Gunnery. R.E. Rose **383**, 61.
Machine Guns **224**, 1665. **231**, 847. **236**, 1816. **246**, 1368. **254**, 668. **333**, 1037.
Machine Guns--Past, Present, and Future. H.P. Martin **475**, 1249.
Manufacture of Rotating Projectile Bands. L.J. Joster **215**, 29.
Method of Calibrating at Sea. R.C. Parker **324**, 137. **327**, 440. **331**, 849.
Methods of Exterior Ballistic Computation. A.G. Kirk **213**, 1777.
Military Characteristics and Ordnance Design. H.F. Leary **233**, 1125.
Morocco: Barbary Pirates' **365**, 1013.
Mounts and Gear **215**, 123. **230**, 678. **232**, 1054. **238**, 2149, 2182.
Munitions of Fleet. H.C. Bywater **252**, 310.
Naval, Notes on **210**, 1360. **249**, 1885, 1930. **252**, 290. **254**, 622. **261**, 1921. **276**, 353. **277**, 509. **286**, 2530. **300**, 144.
Naval Aviation, Evolution of Naval Gunfire. W.H. Standley **589**, 251.
Naval Gun Factory. R.P. Guiler **257**, 1107.
Naval Gunfire: Scourge of Beaches. R.D. Heinl, Jr. **513**, 1309.
Naval Modernization Plans. H.C. Bywater **261**, 1924.
Naval Ordnance Plants **207**, 770. **465**, 1663.
Ainsworth, W.L. **204**, 237.
Woodside, E.L. **336**, 223.
Naval Railway Batteries in World War I: **697**, 115.
Old Guns, Some Notes on. R.B. Simons **411**, 653. **416**, 1479.
Pistol, Training with Service. G.M. Baum **246**, 1309. **248**, 1697.
Pistol Shooting Technique. J. Quinn **383**, 85.
Plunging Fire Controversy **261**, 1867.
Poundstone, Homer Clark, and All-Big-Gun Ship. D.R. Morris **544**, 707. **548**, 1293. **549**, 1427. **551**, 99.
Probability and Accuracy of Gunfire. T.C. Kinkaid **224**, 1543.
Projectiles **215**, 29. **219**, 780. **233**, 1242.
Quadruple Turret in Cruisers. J.B. Gautreau **266**, 626.
Railroad Guns, 1963 Style **685**, 110.
Railway **218**, 583. **275**, 137. **339**, 584.
Range **208**, 975, 981. **230**, 678. **243**, 876. **244**, 1048. **246**, 1366. **247**, 1563. **249**, 1932. **264**, 332. **275**, 133.
Range Finders **212**, 1687. **236**, 1817.
Reap Whirlwind. F.N. Childs **477**, 1552.
Records **257**, 1173.
Relations Gunnery and Tactics. R. Earle **232**, 917.
Rifle Converted to Machine Gun **353**, 1068. **354**, 1219.
Rifles **238**, 2181. **305**, 602. **336**, 253.
Round-Shot to Rockets: Story of Washington Navy Yard and Naval Gun Factory. H.C. Allendorfer **560**, 1159.
Salvo Fire, Anomalous Times of Flight in. G.L. Schuyler **375**, 679.
Salvo--Splash! Development of Naval Gunfire Support in World War II. D.M. Weller **618**, 839. **619**, 1011.
Shall We Grant Superiority to Foreign Navy? W. Evans **248**, 1745.
Shells **230**, 679.
First Explosive Shells **428**, 1466.
Shooting Galleries, Shipboard, We Should Have. R.E. Nelson **439**, 1258.
Small Arms and Navy. H.P. Martin **418**, 1753.
Some Basic Aspects of High-Performance Naval Guns. B.D. Mills, Jr. **536**, 1203.
Soviet Naval AA Cannon Persists in Missile Age (ProfNote). W.J. Farquharson **860**, 109.
Spotting Board, Constructing. L.R. Lampman **465**, 1601.
Springfield Rifle. H.P. Martin **476**, 1393.
Squaring the Tilt. L. Wainwright **282**, 1547, 1563.
Technical Elements Affecting Seapower. H.C. Bywater **251**, 115.
Tests **208**, 968. **215**, 123. **226**, 1975. **245**, 1210. **340**, 828.
Thunderer (Br.) Explosion **466**, 1780.
Trend in Small Arms. E.E. Wilson **250**, 2022.
Turrets **220**, 965. **246**, 1342. **249**, 1885.
Triple vs. Quadruple. J.B. Gautreau **266**, 626. **301**, 226.
Underwater Trajectories. A.S. Hawkesworth **216**, 207. **223**, 1417.
Vest-pocket Ballistics. W.L. Wright **273**, 2138. **276**, 325.
War-time **295**, 1004.
Washington Navy Yard Gun Factory **419**, 20.
We Must Have It. F.S. Craven **244**, 949. **247**, 1491. **249**, 1875.
Whale Island School, England **407**, 105.
When the Navy Fought Ashore (OldNav). R.H. Rankin **706**.
Woozlefinch: Navy 14-inch Railway Guns. J.W. Bunkley **339**, 584.
Guns Salutes
Fleet Admirals **698**, 110.
Salute at 'Statia. Phillips Melville **700**, 70.
Gunzel, A.L.: What's in a Word? (anec) **806**, 69.
Gurley, R.R.
See also: Godfrey, V.H. (joint author).
Brief History of American Merchant Marine **422**, 499.
Flying Boats **415**, 1302. **419**, 97.
Fulton the First (USS) **385**, 322.
Safety of Life at Sea **627**, 549.
Wampanoag **418**, 1732.
Gurney, F.W.: U.S. Despatch Agency in London **396**, 189.
Gurske, V.P.: Never on Sunday (anec) **860**, 55.
Gustav V (Swed.) **325**, 205. **326**, 365.
Big Little Fighting Vessels. C.J. Lamb **325**, 204.
Gustave Zede (Fr. sub) Description **147**, 1339.
Guthmann, Wolfgang: In a Space Ship (anec) **697**, 41.
Guthrie, H.A.
Battery Efficiency **341**, 923.
Cause of Battery Explosions **329**, 629.
Guy, W.F.: Naval and Maritime Events, 1 July 1968-31 December 1969 (Strole and Dutcher, NavRev) **812**, 87.
Guynemer, Georges: Sketch of Career, and Account of Death **177**, 2594.
Guynn, C.B.: Olympian Legacy (Alden) (C&D) **893**, 88.
Guyton, B.T.: Blue Angels **566**, 399. **569**, 795.
Guyton, R.T.: Command Money Management **745**, 70. **753**, 118.
Guzowski, A.P.
Last of the Four-Pipers? (Langenberg) (C&D) **866**, 78.
Reconnaissance Report (anec) **659**, 30.
Submarine Manners (anec) **642**, 865. **648**, 180.
Today's Polish Navy--Significance in the Baltic **693**, 67.
Gwin, G.S.: Merchant Marine Auxiliary (Kendall) (C&D) **858**, 79.
Gygax, Felix X.
Diesel Engine Fuels **148**, 1439.
Effect of Daylight Saving Time on War Effort **495**, 547.
Gymnasiums
See also: Physical Training.
Plea for Physical Exercise in the Navy. A.P. Niblack **129**, 74.
The Swedish System. A.P. Niblack **138**, 435.
Gyorgy, Andrew: East Germany--Profile of a Reluctant Satellite **700**, 50.

Gyrocompass
Gunnery **304**, 500.
Principles of Gyrocompass. E.W. Wunch, Jr. **359**, 89.
Gyroscope
See also: Compass.
Electrically Driven Gyroscope **152**, 1240.
The Gyroscope. L.H. Chandler **108**, 886.
Gyroscope Applications, 1915: **158**, 1324.
Gyroscopes and Satellites. G.L. Dillman **311**, 17. **314**, 323. **315**, 443.
Schlick Anti-rolling Gyroscope, 1909: **129**, 322.
Schlick's Gyroscope **125**, 375.
Some notes on torpedo gyroscopes and their adjustment in service. W.P. Williamson **161**, 157.
Sperry **323**, 68. **331**, 862.
Theory and operation of the gyroscope and the Sperry gyroscope compass. R.E. Gillmor (Illus) **142**, 519.

H

H-3 (U.S.)
Photograph of H-3 Aground Near Eureka **168**, 377. **176**, 2295.
Refloated **172**, 1250.
Valor of Inexperience. Harvey Haislip **768**, 34.
Salvage Operations on H-3: **168**, 398.
Salvaging the H-3 (Illus) **176**, 2367.
H-42 (HMS) **232**, 1020.
H-47 (HMS) **319**, 806.
H.F. Alexander (U.S.): See: "Hot Foot"—the Story of a Ship.
Haag, A.H. **451**, 1319.
America in International Carrying Trade **380**, 1363.
Future of Our Merchant Marine **284**, 2042.
Is America At Sea? **308**, 891.
Lack of Modern Tonnage **296**, 1090.
Salient Points and Plain Facts Concerning American Merchant Marine **404**, 1447.
Uncle Sam, Pilot for American Shipping **320**, 861.
Haak, F.S.
Book Review **764**, 138.
Formula for the Future--Operations Research **698**, 50.
Haakonsvern Naval Base: Twenty-four Fathoms--Underground (ProfNote). Desmond Wettern **829**, 121.
Haan, D.E.: Letter to a Division Officer's Wife (C&D) **772**, 109.
Habitability: See: Shipboard Habitability.
Hack, J.A. **696**, 109. **702**, 106.
Collision--or Near Miss? (ProfNote) **692**, 133.
It's Your Own Money You Are Spending **609**, 1213.
Lieutenant Jones! Are You Really Cost Conscious **592**, 603.
Operation Bottleneck **606**, 842.
Hackett, F.W.
Address to Naval War College **98**, 291.
Captain Thomas Tingey, U.S. Navy (Port.) **121**, 119.
Naval War College Address **95**, 449.
Hackett, H.D.: What's In It For Me? **692**, 50.
Hackett, Sir John: Profession of Arms **770**, 82.
Hadaway, R.B.: Course Zero Nine Five [Honda Point] **647**, 40, 47. **663**, 109, 110, 111, 112.
Hadcock, A.G.: On Internal Ballistics **186**, 1870. **187**, 2134.
Hadd, H.A. **727**, 96.
Orders Firm But Flexible **716**, 81.
Hadeler, Wilhelm: Hitler's Flattop--The End of the Beginning (C&D) **778**, 112.
Hadfield, R. **292**, 719.
Hadfield, R.A.: War Material **114**, 525.
Hadfield Projectiles **125**, 350.
Hadfield Range Diagram **125**, 352.
Hadley, W.C.
Air Warfare's Adolescent Years, 1914-1918 (Emmott) (C&D) **869**, 81.
Destroyer Memorial (Kaplan) (C&D) **860**, 87.
Professionals: 1920-1940 (Collier) (C&D) **852**, 89.
Haeberle, E.E.: Ship Stabilization **247**, 1451.
Haering, G.J.: Civil Aeronautics in Japan **320**, 905.
Haeseler, F.J.: Water Motors as Marine Dynamo Drivers **74**, 281.
Hagan, K.J.
Admiral David Dixon Porter, Strategist for a Navy in Transition (OldNav) **785**, 139.
and J.W. Kipp: U.S. and U.S.S.R. Naval Strategy **849**, 38.
Book Review **882**, 84.
Herndon, Maury, and the Amazon Basin (Reddick) (C&D) **829**, 109.
Navies in War and in Peace (Gorshkov, Part 1) (C&D) **854**, 98.
Hagen, O.O.: Personnel Training in U.S. Navy **286**, 2419.
Hagerman, G.M.
Lord of the Turtle Boats **778**, 66.
Navy's Politico-Military Program--Where Pen Meets Sword **729**, 44. **734**, 111. **738**, 117.
Small Boat Sailing in the Navy (C&D) **731**, 101.
Submarine Memorials (Pict) **829**, 77. **832**, 107. **833**, 93. **835**, 93.
When the Good Shepherds Were Blind (Abbazia) (C&D) **876**, 80.
Hagerman, George
Confederate Submarines (OldNav) **895**, 74.
Proposed National Naval Memorial (SecNotes) **814**, 3. **821**, 93.
Hägg, Jacob: Gustav IV Adolph--December 1962 Cover.
Haggin, J.H.S.: Incident in the Nanpo Shoto (McCandless) (C&D) **851**, 75.
Hagglund, L.F.: Continental Gondola Philadelphia **399**, 665.
Hagist, W.M. **729**, 103.
NROTC Plight (C&D) **756**, 102.
Hagner, F.H.: Hagner Position Finder **415**, 1277. **419**, 106.
Hague, A. **680**, 103.
Hague, Netherlands
Conference, 1922: **234**, 1453. **235**, 1638. **243**, 888.
Court of Arbitration **238**, 2201.
World Court **212**, 1701. **225**, 1849. **230**, 685. **244**, 1061. **285**, 2394. **290**, 494. **304**, 517. **315**, 463. **321**, 1007. **324**, 169. **335**, 130. **336**, 274. **337**, 415.
Hague, The: Four Capitals in War Time. T.S. Wilkinson **155**, 71.
Hague Peace Conference: Second Hague Conference--Its Accomplishments **150**, 608, 609.
Haguro (HIJMS) **337**, 400.
Saumarez and the Haguro (OldNav). Denis Calnan **788**, 147.
Sinking the Haguro. H.E. Horan **683**, 39.
Hahn, Jan **730**, 123.
Hahs, O.A., and C.O. Wilde: Graduate Education Program for Operational ASW (ProfNote) **840**, 105.
Haida (Can) **895**, 65.
Haida (HMCS): The Story Behind the Cover (SecNotes) **895**, 127.
Haight, G.M.: Geneva Conventions in the Shadow War **787**, 43.
Haight, Stanley: He Knew the Type (anec) **719**, 93.
Haight, W.P.: Instant Airfields Ashore (NewNav) **753**, 168.
Haile, J.R. **359**, 106. **362**, 572.
Examinations for Promotion **355**, 1264. **358**, 1800.
One View of Our Enlisted Personnel Problem **314**, 284.
Hailey, F. (joint author): See: Bernhardt, J.W.
Hailey, Foster: Night Raid on Vila **499**, 1109.
Hailey, R. **721**, 110.
Haine, E.A.: H.O. Publication No. 218: **534**, 953. **537**, 1379.
Haines, G.
"Punishment" As Applied to Soldiers and Sailors **141**, 69.
Reformatory Treatment of Soldiers and Sailors under...Detention (illus) **144**, 1385.
Haines, J.B.
Fatigue: The Invisible Rust **748**, 88.
Pest Classification (anec) **655**, 986.
Hains, P.W.
How Cushing Towed Murray **212**, 1619.
Protection of Capital Ships Against Poison Gas **245**, 1113.
Haiphong, Air Defense for the Mining of. (ProfNote). A.M. Osborne **859**, 113.
Hairredin Barbarossa (Turkish battleship): Sunk by British Submarine **159**, 1757.
Haislip, Harvey
A Memory of Ships **895**, 48.
Summit Meeting **729**, 76.
Valor of Inexperience **768**, 34.
Haiti
Air Mapping in Haiti. H.D. Boyden **293**, 793.
Black Bagdad **365**, 1054.
Commission to Investigate **324**, 165. **326**, 358.
Corps of Civil Engineers. G.A. Duncan **325**, 209.
Foreign Affairs re Conditions **330**, 771.
Haiti's Customs and Fiscal Service. C. Conard **242**, 605.
History of Haitian Intervention. R.B. Coffey **234**, 1325.
Marines **344**, 1416. **353**, 1067. **357**, 1663.
Mysterious Hot-Air Engine of Haiti. H. Boyden **395**, 86. **399**, 714.
Occupation of a Haitian Town. F.M. Wise **346**, 1629.
Policy of United States **327**, 463.
Preparation for Election **325**, 255.
President Tempo **327**, 463.
Recommendations of Foreign Policy Association **324**, 165.
Some Colorful Haitian History. C.S. Baker **255**, 723.
Some Haitian Recollections. F.E. McMillen **398**, 522.
Unjustifiable Homicides **216**, 267.
Haiti (SS) **351**, 777. **355**, 1380. **356**, 1530.
Hale, P.G. **377**, 988.
Hale, T.M.: The Future of the Navy (Blechman) (C&D) **892**, 81.
Hale Rifle-Propelled Grenade **129**, 310.
Hale (USS): Trials **197**, 1258.
Haley, E.C., Jr.: Galley of the Future (ProfNote) **667**, 132.
Haley, R.W.: Fleet's In (anec) **683**, 105.
Halford, W.: See: Saginaw's Gig.
Halibut (U.S.): See: Cover Pictures--February, 1958.
Hall, A.W., Jr.: What's Wrong With Naval Photography? (ProfNote) **697**, 141.
Hall, C.F. **476**, 1372.
Hall, C.G., Jr. **695**, 120.
Hall, David A.
Launching of USS Monongahela (illus) **172**, 1161.
Wreck of the USS De Soto **172**, 1151.
Hall, E.M. **688**, 118.
Book Review **788**, 117.
Hall, G.R.: Collision or Grounding Mat **42**, 481.
Hall, N.H. **309**, 979.
Hall, Paul: A Union Leader Looks at the Merchant Marine (NavRev) **855**, 178.

Hall, R.A. **382**, 1764. **384**, 263. **387**, 716. **389**, 1021. **396**, 270. **397**, 423. **398**, 575. **403**, 1324. **513**, 1353. **518**, 575. **523**, 1221.
In Defense of Trade Schools **533**, 801. **535**, 1105.
Peacetime Duties of Armed Services **520**, 781.
Uses of O'Rourke Classification Test **298**, 1306.
Hall, S.R.: Most Important Item (anec) **687**, 95.
Hall, T.C.: Career Development for the Naval Flight Officer (C&D) **788**, 105.
Halla, P.J.: U.S. Coast Guard Activities with Merchant Marine in World War II: **528**, 179.
Halleland, H.L.: The F-18 (ProfNote) **884**, 123. **887**, 82. **895**, 82. **899**, 89. **901**, 28.
Halliburton, R.: Junk Sea Dragon **440**, 1529. **446**, 501.
Halligan, J. **257**, 1182.
Halligan, J.E.: Ship Design (ProfNote) **680**, 125.
Hallinan, H.H.: Women's Royal Naval Service **484**, 828.
Hallock, A.G.C.: Four Tigers of Chinese **292**, 739.
Halpern, Henry
Gas Station Service at Sea (anec) **635**, 23.
Reserve Officers and Promotion (C&D) **788**, 110.
Spell, Then Pronounce Carefully (anec) **759**, 77.
Halpin, D.E. **600**, 214.
Halpine, C.G. **431**, 101. **609**, 1258. **624**, 224.
Gliding Experiments at the Naval Academy (OldNav) **824**, 78.
Halsall, W.F.: Our Glory Battleship Oregon **325**, 177.
Halsey, A., Jr.
CVL's Success Story **518**, 523.
Did They Forget to Dare? **492**, 169.
From Fighting Ship to Floating Hotel **481**, 383.
His Majesty's "Unsinkable" Ship **525**, 1437.
Kayaks and Derby Hats (anec) **555**, 513.
Shipyards--Biggest Weakness in Our War Potential? **581**, 737. **590**, 438.
Slide-Rule Formula for Post-War Navy **494**, 371.
Those Not-So-Little Ships--DE's **487**, 1201.
Halsey, W.F.
Command Personality. E.B. Potter **791**, 18. **796**, 98, 99.
Flag of the Chesapeake: A Plea for the Banner of Fifteen Stripes **146**, 781.
The Last Naval Engagement of the War **89**, 53.
Our National Flag--Its Development (and) Sentiment...in Its Use **143**, 879.
Some Experiences on Board USS Manila **103**, 565.
Halsey, W.F., Jr. **439**, 1335.
Battle for Leyte Gulf **591**, 487.
Halsey's Famous Signals. R.H. Roupe **582**, 828.
Halsey, William Frederick, Jr. **883**, 78.
Halstead, J.S.: Mission to the Royal Flying Corps **744**, 78.
Hamblin, F.F.: And the Band Played On (anec) **810**, 59.
Hamburg-American S.S. Co. **213**, 1843.
Hamilton, Alexander **659**, 95.
See also: OldNav, Hamilton's Revenue Fleet.
Hamilton, Andrew **695**, 110.
He Won Gold Dust Derby **559**, 989.
Top Gun--The Navy's "MiG-Killing" School (ProfNote) **875**, 95.
Where Is Task Force Thirty-Four? **692**, 76.
Hamilton, D.H.
Design of the Great Airships (C&D) **784**, 116.
Portrait of Fleet Admiral Ernest J. King (Cover) **795**, 115.
Splash One, Splash Two! (anec) **788**, 79.
Hamilton, D.L.: Our Greatest Resource **482**, 509.
Hamilton, J.E. **430**, 1798. **530**, 451.
Battleships **450**, 1130.
Classification of Naval Vessels **513**, 1303.
Early Amphibious Training Experiences **544**, 737.
H.R. 9218: **432**, 191.
National Military Establishment and Dollars **561**, 1217.
Navy and Universal Military Training **543**, 563.
Navy's Future Fuel Problem **368**, 1400, 1526. **372**, 249.
This Naval Race? **425**, 1013. **428**, 1496.
Hamilton, J.W.: USS Ranger, 7 July 1959 (Pict) **682**, 87.
Hamilton, L.D.: Naval Recruit Training (Pict) **755**, 93.
Hamilton, Paul: Paullin, C.O.: Naval Administration under Secretaries of the Navy, Smith, Hamilton, and Jones, 1801-1814. Portraits **120**, 1289.
Hamilton, R.E.: "...And Three Air Wings" (ProfNote) **897**, 100.
Hamilton, Sir Ian: On the Gallipoli operations **159**, 1736.
Hamilton (U.S.): See also: Cover Pictures and E.F. Oliver.
Hamlet, H.G. **353**, 1093. **354**, 1241.
U.S. Coast Guard Academy **315**, 371.
Hamlett, F.R., Jr.: Mayday for the Mayaguez (Rodgers) (C&D) **897**, 84.
Hamm, W.C.: Destroyer Officer and Damage Control (ProfNote) **705**, 140.
Hammarlund, A.E. **676**, 104.
and D.L. Cooper: Largest Tankers (Pict) **737**, 88.
New Evolution (anec) **689**, 120.
Hammarstrom, Lloyd: Watchful Sentry (anec) **669**, 86.
Hammell, Richard: Last of the Four-Pipers? (Langenberg) (C&D) **863**, 84.
Hammer, A.M., Jr.
Unusual Destroyer Chase (anec) **642**, 865. C&D: **651**, 522.
Hammer, D.H.
Lion Six **529**, 273. **535**, 1106.
"Organized Confusion" **530**, 401. **535**, 1106.
Hammer, E.C.: Shipbreaking in Great Britain **238**, 2081.
"Hammerlock" Moor. H.R. Prince **639**, 521.
Hammock, J.C.
Does Your Mother Know You're Out? (anec) **689**, 47.
Queen Victor--Please Translate (anec) **682**, 39.
Hammond, J.H.
Aero-radio System of National Defense **159**, 1671.
System of Secret Radio Signaling **207**, 784.
Hammond, J.W., Jr.: Promotion in the Jet Age (anec) **781**, 79.
Hammond, M.M.: USS Nevada (BB-36) (C&D) **850**, 85.
Hammond, P.H. **271**, 1736.
Hammond Radio Control System
The "Electric Dog" **157**, 945.
Hammond Method of Control of Torpedoes and Boats by Wave Impulses **149**, 157. **150**, 600.
The Hammond Radio Projectile **161**, 268.
Hammond's Torpedo a Success **193**, 446.
Radio Controlled Motor Boat **166**, 2018.
Radio Controlled Motor Boat Test Successful **155**, 204.
The Radio Controlled Ship **178**, 3017.
Hamp, L.F.: Russia's Fictitious Naval Tradition (Rollins) (C&D) **850**, 89.
Hampshire, A.C. **667**, 107. **684**, 101.
British Strategy in the River Plate Battle **670**, 85.
School That Teaches Underwater Warfare (ProfNote) **660**, 127.
Triumph at Taranto **673**, 71.
Hampshire (HMS)
Loss of the Hampshire **164**, 1361.
Truth of Hampshire Affair. H.S. Mazet **460**, 791.
Hampton Roads, Low Tide at. Parke Rouse, Jr. **797**, 79. **802**, 113.
Hamul (U.S.) **490**, 1568.
Hancock, J.B. **350**, 605. **637**, 331.
Naval Aviation Insignia **364**, 857, 948.
Hancock (CVA-19) (U.S.)
See also: Cover Pictures--November 1957. and April 1973 Cover.
Hancock, Frigate (U.S.): See: Cover Pictures--January, 1953.
Hancock (USS) **282**, 1556.
See also: Cover Pictures.
Hand, W.R. (co-author): See: S.C. Belechak.
Handa, O.N.
Courage of Ignorance (anec) **769**, 88.
Eighteen Knots and No More (anec) **743**, 61.
Handel-Mazzetti, Peter
Italian Naval Assault Craft in Two World Wars (C&D) **753**, 116.
Scharnhorst-Gneisenau Team at Its Peak **642**, 852.
Handford, S.W.: Again the Alabama (OldNav) **736**, 172.
Handkerchiefs **381**, 1624.
Handleman, E.A. **694**, 108.
Handler, E.H.: Flying Submarine (ProfNote) **739**, 144.
Handling Vessels
Art of Ship-Control. W.C.I. Stiles **242**, 587.
in Restricted Waters. F.E. Nelson **304**, 446.
Hands Beneath the Sea (ProfNote). W.H. Hunley and R.A. Jones **796**, 126.
Hanes, R.M., and J.W. Gebhard: Computer's Role in Command Decision **763**, 60. **770**, 106. **775**, 110.
Hanford, F.: Death **302**, 341.
Hanford, Franklin: How I Entered the Navy **748**, 75.
Hangars, Airship: Navy's Airship Hangars (C&D) J.G. Vaeth **765**, 132.
Hang Jebat (Malaysian): See: J.A. Barber. DER in MARKET TIME (C&D).
Hankins, W.W.: Participate! **762**, 89.
Hankinson, D.K.
Book Reviews **876**, 87. **882**, 83.
Centaur (HMS) at Dar es Salaam **801**, 57. **806**, 101.
Hankow Incident. E. Colby **341**, 927. **343**, 1254.
Hanks, C.C. **358**, 1846.
Affair at Baler **409**, 335. **420**, 261.
and R.B. Falkiner: Our Nation's Inland Seas **422**, 546.
Blockaders off American Coast **456**, 172.
Cable Cutters of Cienfuegos **337**, 353.
Commerce Raider off New York **451**, 1237. **454**, 1781.
Confederacy's Only Foreign War **458**, 534.
Confederate Commerce Destroyers **349**, 394.
Cruise for Gunpowder **433**, 324.
Cruiser Captured an Island **353**, 1011.
Fighting the U-Boats **406**, 1685.
Gallant Fight of Winslow at Cardenas **333**, 1009.
German Gunboat That Became Yankee **379**, 1279.

Gun Brigs off Pemaquid **397**, 371. **409**, 453.
He Is With the Heroes **347**, 18.
How Ended Gallant Wasp? **358**, 1737.
Iron Patriarch Passes **474**, 1103.
John Gamble, U.S. Marine **467**, 33.
Last Confederate Raider **455**, 21.
Marines at Playa del Este **465**, 1591.
Mines of Long Ago **453**, 1548.
Mosquito Craft Had Ancestors, Too **470**, 477. **472**, 853.
No More Courtly Challenges **566**, 395. **574**, 1371. **584**, 1106.
Siege of Baler Church **340**, 782.
Sinking of Alcedo **418**, 1762.
"Spy" Lands at Babylon **569**, 778.
Two Tugs and Freighter **412**, 810.
Hanks, R.J. **781**, 114.
Against All Enemies **805**, 22. **808**, 97, 98, 99, 100. **809**, 89, 90, 91, 92, 93, 95, 96. **810**, 95, 96. **812**, 85. **813**, 81. **814**, 79, 80, 81. **815**, 81. **818**, 91.
Commentary on Gorshkov Article (Part 5) **855**, 230.
Commodore Lawrence Kearny, the Diplomatic Seaman (OldNav) **813**, 70.
High Price of Success **782**, 26. **787**, 109. **792**, 109. **797**, 111.
The Paper Torpedo **795**, 26. **800**, 114. **801**, 125. **805**, 94.
Sea Fight at Fayal (OldNav) **777**, 157.
Thin Blue Line **740**, 60.
Hanley, M.H., Jr. **769**, 110.
Hanley, M.J.
60-Knot Landing Force **769**, 45. **774**, 103.
Surface Effect Ships **765**, 34.
Hanna, J. **381**, 1605.
Case for Club **476**, 1432.
Collision **403**, 1241.
Merchant Naval Reserve **343**, 1187.
Notes on Book Limitation **409**, 371. **412**, 870.
Safety Third **414**, 1144. **417**, 1625, 1626. **419**, 100. **420**, 261. **424**, 885.
Salvage by Kedging **395**, 73.
Hannah (Sch): The Navy's First "Lady" (OldNav). W.L. Dike **856**, 84.
Hannah (USS) **286**, 2413.
Hannemann, L.C.R.: Future for the Destroyer? (Ruhe) (C&D) **833**, 98.
Hannibal: Strategy and Tactics of. See: Darrieus, War on the Sea **125**, 124.
Hannibal (USS) **253**, 490. **262**, 2121. **319**, 817. **354**, 1219.
Hannon, E.J., Jr.: Destroyers in Their Sixtieth Year (ProfNote) **717**, 138.
Hanrahan, G.Z.
Book Reviews **605**, 791. **612**, 221.
Report on Red China's New Navy **606**, 847. **618**, 930.
Hansard, Arthur C.
Early Days in Japan **137**, 141.
Recollections of the China War of 1860: **139**, 823.
Hansen, H.J.: Resultant Course Method of Course Angle Plotting **280**, 1163.
Hansen, H.O.: No Use on the Port Crane (anec) **663**, 83.
Hansen, N.T.
The 1100: He Flies Not; Neither Does He Sink (Nelson) (C&D) **836**, 93.
NROTC--A Quality Education? (ProfNote) **835**, 110.
Hansen, R.A.: Prevention of Caisson Disease **393**, 1670.
Hanser, Richard **651**, 555.
Hansome, M. **394**, 1856.
Hanson, E.W.
An Episode **331**, 843.
A Look at the Nikolaev (Fisher) (C&D) **857**, 97.
Hanson, P.O., Jr.
The Bachelor Junior Officer: A Minority of One (Lehman) (C&D) **876**, 83.
Middle East Oil: Subsurface Weapon (Cass) (C&D) **856**, 90.
Those Mysterious Midgets (Stewart) (C&D) **866**, 86.
Hanson, R.T. **344**, 1331. **348**, 229.
Translation **368**, 1413. **371**, 100.
Hanson, W.V.: Refueling at Sea (Cover) (C&D) **817**, 91.
Hanssen, L.H.
Are You Sure? (anec) **671**, 59.
Condemned Man Ate a Hearty Breakfast (anec) **668**, 47.
Happy Landings. P.E. Pihl **342**, 1018.
Hapsburg (Aus. cruiser): Description **104**, 959.
Hapsburg (SS): Sunk by Mine **190**, 2871.
Hara, T.: Assassination **226**, 1991.
Hara, Vice Admiral Chuichi, Unforgettable Foe. Donald Bartlett **812**, 49. **816**, 84. **827**, 89.
Haraden (USS): Launched **186**, 1861.
Harbold, R.P., Jr. **713**, 118.
Harbord, J.G.
Politics for Legionaires **285**, 2309.
Unification of Cable and Radio Companies **304**, 513.
Harbors
Alaskan Harbors in 1913: **150**, 571.
American Harbor Defenses: Final Era (Pict). E.P. Kirchner and E.R. Lewis **779**, 84. **783**, 106. **784**, 114. **789**, 108.
Coast Guard Opens New Channel (Nbk) **728**, 162.
Harbor Defense in Vietnam (ProfNote). R.G. Bachmann **787**, 136.
Harbor Depths Needed in the U.S. **171**, 1037.
Harbor Forcing, Italian Attempts at, World War I. A.E. Sokol **467**, 37.
Harbor Pollution by Flotsam and Jetsam (ProfNote). A.W. Kabernagel **771**, 152.
Mexico **230**, 679.
Navy's Influence **206**, 628.
New Russian Harbors, 1916: **163**, 942.
New Russian Seaport at Kola, map **161**, 238.
New York Regulations **254**, 655.
Ports for Super Tankers Limited (Nbk) **774**, 151.
Safety Factors: Measure of a Harbor (ProfNote). J.P. Fleet **738**, 140.
Harbron, J.D. **683**, 118.
Indonesian Navy (ProfNote) **719**, 155.
Unification in Canada--Fait Accompli **774**, 76. **778**, 107.
Hard, William: British System of Making Officers **172**, 1246.
Harden, F.G.: Boei Daigakko: Academy de Luxe **658**, 1334.
Harder (U.S.): Two Little Ships. F. Pratt **533**, 783.
Harding, E.T.: Hurricanes: the Killer Winds **748**, 26.
Harding, G.: Foreign Policy **218**, 633.
Harding (USS): Launched **186**, 1861.
Harding, W.G. (Pres. of U.S.) **309**, 1029.
Hardon, H.W.: The Case of the Mignonette **37**, 69.
Hardwick, G.A.: Riders of the Whirlwind **655**, 978.
Hardware, Surface Ship Combat System **870**, 32.
Hardy, L.H. **610**, 1367.
Hardy, L.R.
Joint author: See: Powers, R.D., Jr.
Sovereignty and the SLBM (C&D) **766**, 130.
Soviet Negotiation (ProfNote) **693**, 135.
Hardy (HMS): First British Oil Engine Destroyer **148**, 1742.
Hare, G.C.: Anchor's Aweigh! (anec) **700**, 159.
Hargreaves, R. **589**, 323. **598**, 1367. **628**, 707. **637**, 328. **651**, 560. **661**, 104. **665**, 120. **667**, 107. **681**, 116. **687**, 98, 100. **708**, 108. **722**, 117.
Age of Unease **626**, 365.
Balance Sheet **663**, 66.
The Brass **856**, 63.
CNO--Past, Present, and--Future (C&D) **731**, 100.
Combined Ops--1655-1798: **573**, 1197.
Fighting-Man and "The Frocks" **597**, 1189.
Final Hazard **645**, 1175.
Flaw in the Jewel **647**, 49.
Hard Life (anec) **658**, 1326.
Haunted Quest **601**, 257.
Journey into Unknown--Problem of Alliances **592**, 611.
Man on Shield **566**, 417. **573**, 1255. **579**, 538.
Means to an End **616**, 621. **619**, 1043. **620**, 1159.
Measure of Security **619**, 999.
A Question of Arteries **639**, 483.
Question of Personality **704**, 80.
Reverse of the Medal **632**, 1117.
Sinews of War **587**, 31.
Spoil of War **610**, 1305.
Sweethearts and Wives--a Tribute **684**, 63.
This Thing Called War **582**, 861.
The Uncertain Image **768**, 72. **773**, 111.
Victory to the Stronger **794**, 74.
Hargrett, G.J.: Uncle Sam Provides for Him (anec) **741**, 65.
Harkins, W.R.
Best Position to Be In (anec) **636**, 143.
Iron Ore Traffic on Great Lakes **621**, 1227.
Harkness, V.O., Jr.: Arctic Passages of North America (Boyle) (C&D) **797**, 110.
Harkness, W.: William Harkness, Successor to Maury. S. De Cristofaro **606**, 877.
Harley, H. **642**, 879.
Ask "Uncle Ben" (anec) **611**, 66.
Inventory Accounting--Army Style (anec) **668**, 47.
Harlfinger, F.: Bits from Submarine Research of Olde (anec) **608**, 1113.
Harlfinger, F.J., II: BkRev **760**, 129.
Harllee, John
Federal Maritime Commission and the American Merchant Marine (ProfNote) **811**, 84.
Patrol Guerrilla Motor Boats **734**, 70. **737**, 107. **741**, 111.
Practical Leadership Aboard Ship **679**, 23.
Harlow, A.M. **548**, 1299.
Highest Traditions **538**, 1471.
Inter-American Defense Board **528**, 191.
New Look at Naval Leadership **573**, 1213.
Harlow, Bruce **769**, 112.
Legal Use of Force Short of War **765**, 88.
Harlow, C.H.: Obituary of Herman G. Dresel **87**, 563.
Harlow, M.: Reservist Regrets **523**, 1163. **526**, 1591.
Harlow, R.J.: Carrier-Based ASW Aircraft (C&D) **767**, 95.
Harmon, J.S.: The Female Naval Aviator: A Free Ride? (Shipman) (C&D) **874**, 75.
Harmon, L.M. **662**, 109.
Outranked (anec) **666**, 72.
Set Your Sights Low (anec) **661**, 35.
USS Thetis at San Diego, October 1887 (OldNav) **689**, 150.
Harmony: E.H. Jenkins **256**, 939. **258**, 1311.
Harold E. Holt **885**, 97.
DE-1074 (U.S.)--March 1973 Cover.
Harold (USS): See: Farenholt, A. **128**, 1279.
Harper, A.A.G.: Looking Out for His Property (anec) **737**, 87.
Harper, A.A.J.: Work-up in the Royal Navy (ProfNote) **753**, 144.
Harper, C.H.A.

Harper, C.H.A. (Cont.)
Embarrassing Resemblance (anec) **670**, 91.
Good Old Peter Scott (anec) **683**, 69.
Harper, G.W. **623**, 96.
Harper, J.E.T.: Lessons of Jutland **294**, 878.
Harral, B.J. **650**, 450.
Harrigan, A.H.: Continuing Strategic Importance of Simonstown (Watt) (C&D) **805**, 100.
Harrigan, Anthony
Afro-Asian Ocean World **735**, 44.
Around the Cape of Good Hope, Not Suez (ProfNote) **783**, 131.
Deep Diving Submarine (ProfNote) **709**, 132.
Demotion of Professionalism at the War Colleges (C&D) **748**, 114.
Missile Battleships (ProfNote) **668**, 123.
My India (C&D) **788**, 113.
Needed: A Credible Presence (C&D) **762**, 115.
North Sea (C&D) **771**, 121.
Sea Power: Bulwark Against Chinese Communist Imperialism **688**, 68. **694**, 110.
Seapower in the Sixties: Deterrent and Determinant **701**, 23. **706**, 106, 107.
Soviet Union and the Arctic (C&D) **775**, 115.
Will to Win **702**, 75.
Harrigan, D.W. **619**, 1045.
Harrington, C.A.
Military-Industrial Organization of the Navy **151**, 717.
Navy Yard Manufacturing Costs **149**, 178.
Navy Yard Problems **144**, 1612.
Navy Yards as Manufacturing Establishments and the Cost of Manufactured Articles **144**, 1301.
Saving Money for the Navy **147**, 1065.
Harrington, F.W.
Orders Is Orders! (anec) **548**, 1249.
Perfect Hit (anec) **600**, 141.
Harrington, J.D. **642**, 879.
See also: Pat Frank (BkRevs), Fujita, Nobuo (joint author), Tanabe, Yahachi (co-author), and Yutaka, Yokota (co-author).
and W.J. Miller: Fleet Reserve Association **638**, 369.
Every Weapon to Fray **611**, 13. **617**, 811.
Incredible Midway (C&D) **775**, 106.
Need to Know **634**, 1299.
Operation Forager (C&D) **742**, 113.
Wanted--5000 Middleman **599**, 11. **604**, 678.
Harrington, P.F. **368**, 1421, 1525.
The Chronodeik **13**, 306.
The Coefficient of Safety in Navigation **18**, 385.
Mudd Docks at Vizagapatam, India **29**, 318.
Harrington, S.M. **344**, 1401.
Harris, A.W.
American Harbor Defenses: The Final Era (C&D) **789**, 108.
Last Crunch (C&D) **852**, 90.
Our First Steel Warships (Pict) **795**, 106.
Powering the New Navy: Marine Gas Turbines (Goldman) (C&D) **870**, 86.
Harris, Betty: 36-24-34 and Blue Eyes (anec) **681**, 69.
Harris, D.R.: Training for Combat Readiness (ProfNote) **667**, 123.
Harris, F.R. (joint author): See: Groesbeck, William G. and Harris, F.R.; Knox, H.G.
Harris, F.S.M.
Challenge of Adversity **369**, 1587, 1625.
Indoctrination **434**, 527.
Naval Reserve Cruising **345**, 1533.
Naval Reserve Discipline **421**, 369.
Navy and Diplomatic Frontier **398**, 473.
Harris, H.D.
Effect of Mechanization and Motorization on Tactics **375**, 609.
Mechanization in Aid of Landing **382**, 1735. **387**, 707.
Harris, H.W.
Arms Conference Not Sure to Succeed **257**, 1179.
Plan for Making Wars Less Probable **261**, 1878.
Harris, M.S.: Junior Officer Retention **817**, 26. **822**, 97. **823**, 92.
Harris, R.L. (joint author): See: Karig, W.
Harris, R.V.
A Nutty Situation (anec) **874**, 67.
Skipper With a Heart (anec) **853**, 34.
Harris, T. **347**, 64.
Harris, U.R.: The Solution for the Elements of the Chronometer **70**, 313.
Harris, W.R.
It's All Relative (ProfNote) **832**, 122.
MARKET TIME Mother Ship (ProfNote) **766**, 148.
Harrison, C.L.: Twice Across Rainbow **591**, 515.
Harrison, H.W., Jr.: Hellcats Over Truk (Tillman) (C&D) **894**, 65.
Harrison, J.: Chronometer **601**, 303.
Harrison, Leslie **717**, 117.
Lord of the Californian (C&D) **790**, 106.
Harrison, P. **300**, 137.
Harrison, R.E. **729**, 98.
Harrison, R.E.W.: Chain of Command (C&D) **846**, 100.
Harrison, S.L.
Co-author: See: A.J. Cottrell.
Defense of the Atlantic Community **800**, 44.
Elusive Goal of Nonproliferation **794**, 26.
Harrison's Chronometer **803**, 135.
Harriss, C.J. **710**, 103.
Harry Luckenbach (SS): Sunk **180**, 437.
Harscheid, D.G.: Ultimate in Technlogy (anec) **811**, 33.
Hart, Albert B.: Monroe Doctrine in its Territorial Extent and Application **119**, 753.
Hart, Basil H. Liddell **841**, 28, 30, 31, 32.
Hart, Charles H.: The Sword Presented by Louis XVI to John Paul Jones **122**, 712.
Hart, H.S.: Duty Chicken (anec) **585**, 1188.
Hart, J.C.
The Coast Guard Approaching the Century's End (How) (C&D) **860**, 88.
New Look for Nautical Charts (Hertel) (C&D) **800**, 112.
Hart, R.J.: Surface Warfare Officers: The Need for Professionalism **880**, 38. **884**, 91. **885**, 74, 75, 76. **895**, 92. **901**, 116.
Hart, R.R.
Base Pay (anec) **620**, 1121.
Blow Tubes (anec) **638**, 367.
Three Year Man (anec) **647**, 15.
Hart, T.C. **264**, 280. **666**, 107.
Training Seamen **102**, 298.
What Might Have Happened at Jutland **269**, 1143.
Hart, W.D.
Meteor Burst Communications (ProfNote) **685**, 148.
Radio Astronomy and the U.S. Navy **688**, 41.
VLF Communications (ProfNote) **691**, 148.
Hart (USS): Launched **186**, 1861.
Hartdegen, C., III: High Point Score (anec) **631**, 1003.
Harter, C.J. **712**, 113.
Engineering Competition **313**, 215.
Higher Education for Officers' Stewards and Cooks **409**, 321. **412**, 868.
Laws of Accountable Officer **599**, 59.
Hartford (U.S.) **276**, 260. **291**, 558. **327**, 377. **356**, 1540. **426**, 1186. **428**, 1542. **430**, 1846.
See also: Old Navy.
Hartley, B. **407**, 103. **408**, 255. **413**, 1019. **414**, 1166. **416**, 1473.
Hartley, H.: Historical Facts on Diving **337**, 341.
Hartley, H.H. **412**, 864.
Hartman, C.C. **645**, 1231.
Hartman, R.V. (co-author): See: J.S. Lake.
Hartmann, F.H.: Sailors as Scholars **823**, 40.
Hartmann, G.K.: U.S. Naval Ordnance Laboratory--50 Years of Research (ProfNote) **800**, 138.
Harts, William W.: Combined Army and Navy War College **168**, 287.
Haruna (HIJMS) **325**, 239.
Launched, description **149**, 233.
Harvest Moon, Yankee Landmark in Carolina (OldNav). G.R. Kolbenschlag **769**, 150. **775**, 115.
Harvey, H.B. **447**, 765. **454**, 1783.
Harvey Armor Plate, Trials at Annapolis **58**, 326.
Harvey Patents, The **62**, 315.
Harwood, Julius J.: Titanium--A Promising Naval Material (ProfNote) **623**, 113.
Haslett, A.W.: Storms Forecast by Ocean Waves **600**, 181.
Hassler, F.R.: Beginning of Coast Survey. R. West **387**, 665.
Hastings, Frank Abney--Unknown Naval Hero. M. Kerr **478**, 1735.
Hastings, H.H. **851**, 71.
Hastings, John (photog): Nine-gun Salvo From the USS New Jersey--August 1967 Cover.
Hastings (HMS) **326**, 340.
Haswell, Anthony **695**, 117. **700**, 95.
Haswell, C.H.: Steam Navy. G.W. Dyson **432**, 225.
Hatch, Charles B.: U.S. Naval Disciplinary Barracks, Port Royal, S.C. **144**, 1379.
Hatch, H.J. and Stiley, J.F.: Coast Defense **253**, 491.
Hatcher, C.M.
Idle Hands...or Hobbies? **520**, 801.
Medical Manpower Problems: Give Up or Train Up? (C&D) **853**, 102.
Model Range for Better Ship-Borne Communications System (ProfNote) **665**, 129.
Naval Research Goes Deeper (ProfNote) **674**, 121.
Navy Homebuilding and Financial Cooperative **440**, 1465.
Recreational Development at Pearl Harbor **488**, 1348.
Hathaway, A.J., Jr.
Russia's Fictitious Naval Tradition (Rollins) (C&D) **850**, 89.
Saga of Drydock One (Buell) (C&D) **814**, 85.
Hat in the Ring. B.W. Blee **786**, 83.
Hatteras, Tragedy Off. D.E. Collins **686**, 37.
Hauck, H.O.: Return to Sail **428**, 1464. **430**, 1793.
Hauck, P.F. and T.P. Connel: Destroyer Seamanship in St. Lawrence Seaway (ProfNote) **685**, 130.
Hauck, R.E.
The Current Fitness Report: Howgozit? (Pendley) (C&D) **893**, 90.
F-14 Tomcat (Powers), and F-14--Weapon System in Search of Its Engine (Christiansen) (C&D) **888**, 73.
Haufman, H.E.: A Framework for Naval Leadership (Svendsen) (C&D) **872**, 90.
Haugen, L.T.: Naval Trial Courses and Trials **424**, 821.

Haugh, F. **414**, 1167.
Haupt, R.F.: Proposed Changes for the Air Almanac (ProfNote) **722**, 146.
Hauser, J.R.: Case for Roll-on/Roll-off Ships (ProfNote) **741**, 139.
Havana Conference, 1928: **302**, 327.
Have Airships a Military Value? J.P. Norfleet **330**, 708.
Havill, C.H.: Aircraft Propellers **302**, 314.
Havoc (HMS) **336**, 268.
Havran, P.S.: Warm Relations in Deep Freeze (ProfNote) **682**, 130.
Haw, J.C.: Anti-aircraft Defense **274**, 2383.
Hawaii **294**, 934.
  Honolulu Conference on Problems of Pacific **297**, 1237.
  Japan re Improvements to **358**, 1832, 1835.
  Least of Lincoln's Brethren. Wilmon Menard **840**, 59.
  Naval Needs. H.C. Bywater **271**, 1767.
  Navy in Hawaii. A.P. Taylor **294**, 907. **301**, 220.
  Pearl Harbor. W.F. Dillingham **327**, 403.
  Sacred Calabash. H. Rodman **294**, 867.
  They Landed to Lower the Flag (Old-Nav). B.C. Nalty and T.R. Strobridge **825**, 62.
Hawaiian Islands
  Another December Seventh in Hawaii. A. Farenholt **586**, 1267.
  Election of a King. R.C. Williams, Jr. **430**, 1761.
  Food--Hawaii's Vital Problem. J.L. Denig **452**, 1454.
  Geier (Ger) Incident, Honolulu **386**, 496.
  Gibson, W.M.--Oceanic Adventurer. J.B. Musser **283**, 1709.
  Hawaiian Retrospect. Mrs. M.K. Hayter **489**, 1415.
  Hawaii Operation. Shigeru Fukudome **634**, 1315.
  Kahoolawe: Most Shot-At Island in Pacific. R.D. Heinl, Jr. **530**, 397.
  Kamehameha I, Army and Navy of. C.W. Kenn **513**, 1335.
  Navy, Hawaiian, and International Incident. A. Farenholt **446**, 517.
  Navy's Super Antennae. Staff, P.I.O., Dept. of Defense **591**, 533.
  Pearl Harbor
    Air Raid Attempt, May 1942: **603**, 478. **606**, 897.
    Attack: Climb Mount Niitaka! H.F. Cope **526**, 1515.
    Attack Report **467**, 145.
    Beginning of, July 1909 to December 7, 1941. D.K. Richards **495**, 537.
    Did the Japanese Win at? J.P. Cranwell **496**, 661.
    Diplomatic Prelude to. B. Vogel **554**, 415.
    "Ifs" of. L.C. Ramsey **566**, 365.
    I Led Air Attack on. M. Fuchida **595**, 939.
    Inside Story of. R.E. Ward **586**, 1271. **590**, 435.
    July 1909 to December 7, 1941. D.K. Richards **495**, 537.
    Pearl Harbor in Perspective, a Bibliographical Survey. Louis Morton **626**, 461.
    Rejuvenation at. H.N. Wallin **526**, 1521.
    Why? A.E. Sokol **506**, 401.
  Recreational Development at Pearl Harbor. C.M. Hatcher **488**, 1348.
  Seismic Intelligence Protects Hawaii. C.D. Meaney **568**, 655.
  Storming of U.S. Consulate in 1870. A.P. Taylor **314**, 313.
  Top Secret Assignment. Takeo Yoshikawa and Norman Stanford **694**, 27.
  When Navy Was Host to Hawaii's King. H.C. Votaw **539**, 71. **542**, 484.
Hawes, D.D.: The Cyclops Mystery (Nervig) (C&D) **803**, 92.
Hawke (HMS)
  Collision with Olympic **140**, 1377.
  Torpedoed by Submarine **154**, 1867.
Hawkes, W.M. **673**, 108.
Hawkesworth, A.S.
  Ballistic Corrections **222**, 1232.
  Solar Time, Longitude, and Latitude By Stars **286**, 2487.
Hawkins, S.
  Anticipatory Reaction (anec) **839**, 85. **860**, 55.
  Transmodalism (C&D) **783**, 106.
  Two Birds in the Hand (Duff) (C&D) **809**, 109.
Hawkins, S.M. (joint author): See: Murphy, E.
Hawkins (Eng) **207**, 784. **352**, 922.
Hawks and Doves, Of. G.S. Hodgson **771**, 30. **780**, 108.
Hawley, D.A.: Periscope Depth (anec) **617**, 771.
Hawley, J.M. and B.A. Stengel: Samoan Hurricane of 1889: **442**, 1756. **444**, 308.
Hay, J.: Diplomatic Services of Naval Officers **289**, 308.
Hayden, B.P. **673**, 100.
  Black Midshipman at the U.S. Naval Academy (Field) (C&D) **846**, 98.
Hayden, E.
  A Loop in the Track of an Ocean Storm **67**, 283.
  Samoan Hurricane of 1889: **58**, 283.
Hayden, E.E.: Chronometer Rates **107**, 729.
Hayden, R. **449**, 1024.
Haydon, P.T.: Canada's First Submarine (C&D) **772**, 107.
Hayes, B.F. **264**, 313.
Hayes, Bertle: Awarded D.S.O. **190**, 2862.
Hayes, Bully--Pirate De Luxe: J.B. Musser **295**, 957. **304**, 492.
Hayes, Ellwood **851**, 74.
Hayes, G.H.: God Bless Queen Anne (anec) **740**, 41.
Hayes, J.C.: Question of Definition (anec) **688**, 67.
Hayes, J.D. **364**, 881. **585**, 1223. **590**, 443. **595**, 1025. **605**, 815. **607**, 1017. **611**, 91. **613**, 335. **615**, 576. **629**, 825. **634**, 1383. **636**, 214. **645**, 1235. **664**, 107. **687**, 111. **693**, 103. **698**, 106. **703**, 116. **706**, 110. **709**, 106, 107. **711**, 124. **716**, 110, 111. **771**, 118, 119. **775**, 109.
  See also: H.E. Strange.
  Admiral Luce's Pontiac **648**, 159.
  Admiral Richard Harrison Jackson (Sec-Notes) (C&D) **826**, 89.
  Book Reviews **737**, 117. **743**, 110. **770**, 120. **785**, 112. **790**, 126. **798**, 124. **809**, 112. **817**, 96. **862**, 93.
  Captain Fox--He Is the Navy Department **751**, 64. **758**, 134.
  Influence of Modern Sea Power, 1945-1970 (NavRev) **819**, 274.
  It Pays To Study (anec) **652**, 589.
  It's a Puzzle (anec) **794**, 37.
  Mahan--Mariner or Misfit? (C&D) **767**, 101, 104.
  Manila Galleons **382**, 1689.
  Maritime World in 1973 (NavRev) **855**, 232.
  Naess Voyager (SS)--Flag of Convenience Ship (ProfNote) **764**, 157.
  Peripheral Strategy--Mahan's Doctrine Today **609**, 1185.
  The Sea, 1967-1972 (NavRev) **843**, 296. **850**, 84.
  Sea Power: A Commentary (NavRev) **807**, 337.
  Sea Power and Sea Law **735**, 60. **738**, 116.
  Seapower and the Superpowers (Amme) (C&D) **794**, 118.
  Sea Power in the Civil War **705**, 60.
  Sine Qua Non of U.S. Sea Power: the Merchant Ship **745**, 26. **748**, 115, 116, 117. **752**, 102, 106, 107, 108.
  Three Modern Naval Mutinies **439**, 1285.
  World With Bulk Cargo Aircraft **639**, 497. **643**, 1000.
Hayes, M.L.: Nuclear Propulsion: We Dare Not Delay **743**, 26.
Hayes, Mrs. R.C.: Command Personality (Potter) (C&D) **796**, 99.
Hayes, Will: Captain Stopped Worrying (anec) **657**, 1177.
Hayler, W.B. **578**, 433. **631**, 1059. **650**, 451. **711**, 130.
  The Bermuda Triangle (Ebon) (C&D) **875**, 73.
  Blow Me Down! **582**, 857. **588**, 200.
  Captain, Stay Away From That Conn! **606**, 855.
  Chance of a Lifetime **637**, 298.
  Collision at Sea **709**, 65.
  Demotion of Professionalism at the War Colleges (C&D) **751**, 115.
  Destroyer Command **722**, 76.
  Exercise in Mobility (ProfNote) **777**, 135.
  Hail, Hail, Gang's All There **605**, 749.
  Has Your Anchor Been Showing Lately? **574**, 1361.
  Manpower and the Merchant Marine (Locetta) (C&D) **814**, 86.
  Merchant Marine Licenses: Tickets Worth Having **821**, 53.
  Naval Academy Gets Planetarium **588**, 168.
  Our Imperiled State Maritime Academies **832**, 50. **838**, 88.
Haymaker, F.H.: Delegation, Anyone? **727**, 46.
Haynes, F.E.: Amphibious Power in Atomic Age **596**, 1103.
Haynie, J.M.: Naval Uses of Aerial Photography **465**, 1567.
Hay-Pauncefote Treaty **327**, 384.
  Panama Canal in International Law. H.S. Knapp **145**, 95.
  Real Status of Panama Canal as Regards Neutrality **133**, 61.
Hays, R.J.: A-6A Intruder in Vietnam (ProfNote) **767**, 120.
Hays, S.H., and T.A. Rehm: Military in the Free Society **792**, 26. **796**, 106, 107.
Hayter, H.M.: Constancy of Fundamental Military Considerations **435**, 714.
Hayter, Mrs. Hubert M.: Wrong Number (anec) **625**, 315.
Hayter, M.K.
  I Christen Thee **506**, 382.
  A Ship of One's Own (C&D) **845**, 94.
Hayter, Mrs. M.K.: Hawaiian Retrospect **489**, 1415.
Hayward, J.T. **781**, 117.
  Absolute Altimeter **442**, 1740.
  and P.J. Keaney: Command and Control in the Nuclear Age **729**, 38.
  The Board of Control (Meyer) (C&D) **892**, 93.
Hayward, J.T.
  Book Reviews **769**, 117. **773**, 119. **784**, 119. **788**, 107. **870**, 95.
  Bottom of Barrel (anec) **616**, 646.
  Can We Modernize U.S. Shipbuilding (C&D) **759**, 116.
  Destroyer Command: Critical ASW Subsystem (C&D) **741**, 111.
  High-Low (Zumwalt) (C&D) **882**, 69.
  Impact of Technology on Strategy **835**, 24. **839**, 86. **844**, 96.
  Linebacker Strike (Powers) (C&D) **862**, 76.
  Modernization of the Midway (Kaune) (C&D) **821**, 93.
  Painful Development of a Professional Navy (C&D) **764**, 121.
  Ship Acquisition: Lost Generation (Johnston) (C&D) **841**, 94.

Hayward, J.T. (Cont.)
United States Navy for the Future (Smith) (C&D) **822**, 94.
Which Way Is Up? (C&D) **782**, 95.
Hazard (HMS): Sunk **181**, 682.
Hazard (Privateer): See: Cover Pictures—November 1952.
Hazard, S.L.H.: Picture of Washington **287**, 70.
Hazardous Cargoes: Dangerous and Exotic Cargoes (NavRev). H.D. Williams **843**, 224.
Hazelwood, M.A.: Leave It To Mother (anec) **850**, 37.
Hazing: Items under U.S. Naval Academy.
Hazlett, E.E., Jr. **386**, 553. **422**, 590. **461**, 1015. **469**, 409. **473**, 1007. **477**, 1614. **491**, 70. **315**, 476.
Austro-American Navy **454**, 1757.
Submarines and London Treaty **406**, 1690.
Where Do We Go from Here? **436**, 829.
H-Bomb Retrieval
Contact 261. L.B. Melson **772**, 26.
Palomares—Exercise in Ocean Engineering (ProfNote). W.F. Searle, Jr. **772**, 128. C&D: **781**, 114.
Postscript to Palomares. Sanchez Goode **790**, 48.
Headlee, Colin **824**, 78.
Heald, E. de F.: Mansfield Hydraulic Excavating Machine **30**, 520.
Heald, J.F.: Polaris Site One, Holy Loch (ProfNote) **779**, 124.
Health and Sanitation: Limes, Lemons, and Scurvy. C.C. Lloyd **744**, 72. **748**, 120.
Health Care Delivery System—Navy: Survival of Navy Medicine. D.L. Custis **858**, 35. **862**, 81. C&D: **864**, 84. **865**, 73.
Health Care System: Prognosis for Navy Medicine. C.L. Waite **826**, 32.
Health Records
Proposed New Health Record, 1905
Ames, Howard E. **113**, 126.
Brown, Earle M. **113**, 121.
Healy, G.W., Jr.: The Charmer (anec) **687**, 161.
Healy, William, Jr.: Military Cover and Deception vs. Freedom of Information (Toole) (C&D) **877**, 119.
Heard's Island, Rescue of Trinity's Crew From W.I. Chambers **23**, 121.
Hearn, F.W.: Better Luck Next Time (anec) **671**, 81.
Heartbeat of the Sea (ProfNote). C.E. Giese **777**, 128.
Heart Disease: Coronary Sclerosis. G.W. Calver **379**, 1214.
Heart of Navy. F.H. Schofield **308**, 834.
Heath, C.J.: First Lieutenant: Liability to Ship **500**, 1235. **505**, 323.
Heath, John: Duel with Commodore O.H. Perry **132**, 1172.
Heath, L.A.: A3J-1 Vigilante; High or Low, Fast or Slow (NewNav) **703**, 170.
Heath, P.R. **677**, 104.
Hebron, L.P.: Paper Prisons (Leadership Forum) **880**, 76.
Heck, Lewis **650**, 441.
Heck, N.H. **311**, 51.
Earthquakes and Navy **420**, 205.
Heck (U.S.): Operations of the Rude and the Heck (ProfNote). Raymond Wilcove **815**, 95.
Heckathorn, M.E.: Navy Waves Rules **486**, 1082.
Hecking, J.F. **418**, 1785.
Heckman, A.A.: Future of the Coast Guard **782**, 60. **785**, 105. **787**, 114, 115.
Hector (U.S. collier): Loss of the. **164**, 1287.
Hedgecoth, T.A.: Let's Gear Training to the Job (C&D) **737**, 107.
Hedgepeth, H. (BkRev) **772**, 115.
Hedgpeth, J.W. **496**, 700.
Heffernan, J.B. **372**, 254. **384**, 260. **387**, 719. **393**, 1700. **395**, 110. **476**, 1458. **529**, 332. **532**, 716. **534**, 982. **545**, 897. **548**, 1302. **569**, 797. **598**, 1375. **601**, 329. **608**, 1140. **609**, 1255. **619**, 1049. **621**, 1279. **638**, 441. **643**, 1004. **665**, 116. **673**, 104. **681**, 108. **700**, 98. **703**, 112. **709**, 106. **714**, 114.
Building Program for Naval Academy **385**, 364.
Heflin, W.L. **524**, 1350. **529**, 337. **533**, 845. **544**, 759. **548**, 1303. **584**, 1113. **607**, 1026.
Heflin, Wilson **727**, 110.
Book Review **731**, 112. **828**, 108.
Heg, J.E. **676**, 120.
Heidecker, W.A.: Prestige on the Lower Deck (C&D) **753**, 122.
Heilbrunn, Otto: Thinking About Guerrilla War **755**, 36.
Heilenday, R.M.: Mothball Fleet Is Obsolete (C&D) **852**, 87. **856**, 91. **857**, 91.
Heim, S.F.: Improved Towing Spar **205**, 375.
Heimark, J.V.
Honesty Does Pay (anec) **654**, 835.
Know Thine Enemy **678**, 65.
Movie of the Month (anec) **753**, 70.
There's Difference (anec) **622**, 1343.
Heimskringla: Everyman's Library **283**, 1792.
Heinen, A.F. **406**, 1772. **433**, 399.
Heinl, R.D., Jr. **544**, 765. **546**, 1029. **547**, 1157. **553**, 359. **561**, 1298. **571**, 1034. **574**, 1379. **581**, 770. **583**, 997. **590**, 444. **592**, 678. **665**, 119. **685**, 107. **697**, 124. **706**, 104. **710**, 107.
See also: Book Reviews. G.C. Thomas et al.
Book Reviews **781**, 118. **801**, 130.
Cat With More Than Nine Lives **616**, 659.
Damage Control School **457**, 382.
Field Decontamination Station **495**, 553.
Gun Gap and How to Close It **751**, 26. **755**, 112. **757**, 117.
High-Low (Zumwalt) (C&D) **884**, 91.
Hong Kong: Communism and Colonialism in Collision **761**, 72. **766**, 134.
Instant Sea-Control Ships (C&D) **835**, 88.
Marine Corps—Here to Stay **572**, 1085.
Most Shot-At Island In Pacific **530**, 397.
Naval Gunfire: Scourge of Beaches **513**, 1309.
Right to Fight **715**, 23.
Slouch and Spring: Footnote on Discipline **466**, 1709.
Special Trust and Confidence **639**, 463. **642**, 875, 876, 877, 878, 879.
Target: Iwo **725**, 70. **729**, 102. C&D: **732**, 114.
Training Landing Force **464**, 1452.
U.S. Marine Corps: Author of Modern Amphibious War **537**, 1311.
Welcome to the War **793**, 58. **797**, 119, 120. **798**, 111.
What Happened to Royal Marines? **552**, 169. **560**, 1177.
What Is Naval R.O.T.C.? **399**, 702.
When the Marines Went to France 1917-1918 (C&D) **782**, 98.
Heinzel, J.R.
New Look in Chief Petty Officers (ProfNote) **671**, 129.
New Navy Enlisted Classification System (ProfNote) **655**, 1015.
Heiser, H.M.
Classification Societies **408**, 220. **415**, 1313.
Effect of Shallow Water Upon Resistance of Ships **423**, 709. **429**, 1645.
Swabo (anec) **668**, 107.
Heiss, R.L.
Look, Ma, No Hands! (anec) **679**, 71.
Tit for Tat (anec) **658**, 1326.
He Is With the Heroes. C.C. Hanks **347**, 18. **352**, 903.
Heitzmann, W.R.: U.S. Naval Institute Proceedings: A Rich Source of American Civil War History **848**, 159.
Hela (Ger. cruiser): Sunk by Submarine **154**, 1871.
Helena (USS) **354**, 1219.
Some Shall Escape. J.L. Chew (As Told C.L. Lewis) **510**, 887.
Helfer, Harold
Collision of the Carrier Leyte With a Whale (anec) **675**, 152.
He Was Through With Adventure, Security, and Education (anec) **735**, 59.
It Pays to Speak Swedish (anec) **793**, 77.
Shark's Belly (anec) **647**, 61.
Tell It to the Marines! (anec) **680**, 61.
What Else Could They Do? (anec) **741**, 81.
Helgason, Edward (artist): Kaiulani—March 1974 Cover.
Helgoland **415**, 1359. **417**, 1629. **489**, 1508.
Helicopters
Advantages **204**, 299.
The Attack Helicopter (C&D) **836**, 97. **841**, 101.
Behavior **221**, 1131.
Berliner **207**, 782. **234**, 1443. **256**, 1014.
Blucker **331**, 870.
Brennan **231**, 831. **234**, 1443.
British Plan Sh-3D Order (Nbk) **763**, 164.
Case for the Utility Helicopter (C&D) **858**, 83.
Curtiss **301**, 228.
Curtiss-Wright **331**, 870.
D'Ascanio **337**, 412.
DeBothezat **241**, 510.
English Competition **246**, 1364.
Flight **227**, 130.
Fly-away, A Salvage Concept for Today's Navy (ProfNote). W.I. Milwee, Jr. **871**, 100.
Hansch **231**, 831.
Heavy-Life Helicopters in Vietnam (Nbk) **757**, 158.
Helicopter: An Extension of the DE in the Royal Navy (ProfNote). J.P. Gunning **822**, 105.
Helicopter: Hazardous at Any Height? W.H. Baker **812**, 56. **818**, 95.
Helicopter and Destroyer, New Partnership (ProfNote). W.W. Price, II: **820**, 99.
Helicopter in the Fleet. C.J. Burton **683**, 45.
LAMPS in the Gulf of Tonkin (ProfNote). H.E. Reichert **841**, 115.
Launch Aircraft! Land the Landing Force! (C&D) **897**, 83.
A Look at Our Lamps. M.R. Bonsignore **826**, 26. **841**, 100.
Maintenance: How the Navy Saves Dollars With Sense (ProfNote). E.W. King **838**, 105.
Navy Gunship Helicopters in the Mekong (Pict) **783**, 91.
Navy Studies Feasibility of Helicopter Barge Tow (Nbk) **827**, 110.
Oehmichen **247**, 1555. **261**, 1918.
Operations
They Are Not Expendable (ProfNote). A.E. Weseleskey **824**, 106. C&D: **833**, 101.
Vietnam **819**, 143.
Pescarra **231**, 830.
Pilots: "Seawolf" Helo Pilots of Vietnam (ProfNote). A.E. Weseleskey **783**, 128.
Prize for practical **229**, 793.
Progress **248**, 1739. **258**, 1374.

Repair ship: USNS Corpus Christi Bay (T-ARVH-1) (ProfNote). A.F. Rawson, Jr. **761**, 144.
Royal Navy Helicopters Get Wire-Guided Missiles (Nbk) **805**, 123.
Sea Control Aircraft: The Case for the Chopper. R.H. Klippert, Jr. **866**, 46. C&D: **876**, 81, 82.
Sikorsky Unveils New Coast Guard Helicopter (Nbk) **779**, 147.
Small Boys and Whirly Birds. D.P. Ryan **804**, 26.
Speed 312 M.P.H. **223**, 1461.
U.S. Leads in English Contest **259**, 1566.
Vertical Replenishment and the UH-46 (NewNav). C.R. Pursley **765**, 182. **770**, 115.
Vertipactor **247**, 1555.
Heligoland **206**, 646. **207**, 784. **226**, 1949. **267**, 827.
Heligoland Engagement--August 1914
The Action Off Heligoland, August 28, 1914: **153**, 1568.
The Battle Off Heligoland: Official Dispatches **154**, 1856.
Heligoland Island
The Island of Heligoland **162**, 566.
Strategical Value of Heligoland **154**, 1802.
Heligoland (Ger) **229**, 464.
Description **132**, 1278. **140**, 1420.
Helium
Airships and Helium **215**, 110. **224**, 1650. **227**, 126. **228**, 304. **234**, 1444. **261**, 1920. **320**, 903.
Canada **293**, 807.
England **252**, 268.
Export **205**, 452.
Hydrogen and, for airships **337**, 410.
Hydrogen Sanity, and. **260**, 1740.
Plant: Sunnyvale, California **351**, 763.
Possible Compound **284**, 2145.
Production **194**, 675. **199**, 1645. **204**, 296. **207**, 776. **210**, 1345. **211**, 1528. **231**, 829. **236**, 1829. **238**, 2180. **244**, 1038. **304**, 510. **323**, 70. **327**, 457. **333**, 1046.
Heller, S.R., Jr. To The or Not to The, In or On a Ship (C&D) **775**, 115.
Helles, Battle of Lemnos and. K.L. Rankin **447**, 693.
Hell Gate: Opening of Hell Gate Channel, map **173**, 1514.
Hell Gate (USA dredge): See: Towing.
Hellner, M.H.
Africa: Next Great Area of Crisis **682**, 27.
America's Growing Dependence on the Sea **656**, 1083.
Sea Power and Soviet Designs for Expansion **685**, 23.
Sea Power and the Struggle for Asia **638**, 353.
"...A Hell of a Christmas." C.C. Smith **790**, 63.
Hellweg, J.F. **359**, 105, 150. **363**, 735. **370**, 1777. **391**, 1303.
Der Tag **231**, 703.
Emergency Repairs to a Destroyer (illus) **149**, 63.
Naval Observatory's New Telescope **383**, 9.
Pathfinder of Seas **359**, 93.
Picking the Stars **343**, 1213.
System **194**, 559.
Telling Time by Stars **353**, 1038.
United States Naval Observatory **404**, 1464.
Helm, Ervine J.: The Cross of Malta (anec) **626**, 489.
Helmer, N.A. **625**, 334.
Helm Orders **319**, 811. **343**, 1262. **353**, 1094. **357**, 1674.
Helms, R.E., Jr.: Shipboard Drug Abuse **874**, 41. **877**, 114. **878**, 83.
Helms, R.L.: (ACV) So Much for So Little (ProfNote) **690**, 157.
Helmsmanship: Orders to the Wheel **702**, 106.
Hemje, C.: The Effect of Water-line Damage Upon Unarmored Ships **59**, 447.
Hemp
See also: Fibre **276**, 262.
Hemp for Shipping Industry. R.P. MacHatton **480**, 213.
Henc, Charles: United States Navy for the Future (Smith) (C&D) **821**, 90.
Henderson, A. **322**, 1069.
Henderson, A.C.F.: English Shipbuilding **280**, 1184.
Henderson, D.: Bahama Wrecker Confesses (anec) **587**, 77.
Henderson, G.W., and P.B. Ryan: Naval Watch in the Mideast **893**, 66.
Henderson, J.M.: Whom Do We Think We're Kidding? (ProfNote) **722**, 144.
Henderson, J.R.: Inactivation of the Randolph (Hussmann) (C&D) **806**, 94.
Henderson, J.R., Jr.: New Way for Officer Fitness Reports (C&D) **787**, 114.
Henderson, J.W.: Collateral Duty: CCO (C&D) **771**, 117.
Henderson, R.W.: Improved Turrets of USS Texas **90**, 446.
Henderson, Robert
Correction to course when using one screw of a twin-screw vessel **114**, 437.
Evolution of Smokeless Powder **110**, 353.
Naval Torpedo Station **105**, 193.
Henderson, W.H.
Airship Offensive **271**, 1756.
Capital Ship Problems **274**, 2347.
English Views on Airships **274**, 2342.
Hendren, P.: Confederate Blockade Runners **362**, 506.
Hendricks, J.B.: (Mayaguez incident): The Battalion Operation Officer **885**, 104.
Hendricks, R.L.: Surface Ship Overhauls (C&D) **767**, 99.
Hendrickson, Robert: He Hooked a King (anec) **694**, 73.
Hendrix, C.N.G.: Depths of Ignorance **783**, 32. **787**, 110.
Henley, J.D. **219**, 685.
Voyage to the Orient in the USS Congress, 1819-1821: **134**, 446.
Henley (USS) **258**, 1344.
Description **142**, 780.
Henn, C.L., Jr.
Challenge We Face **643**, 928.
Collective Security, Military Sanctions, and Sea Power **612**, 125.
Franco-American Naval Relations (ProfNote) **752**, 136.
Logistics Management in the Fleet (C&D) **734**, 112.
Sustaining an Air-Atomic Navy **651**, 471. **654**, 892.
Hennig, Paul: Held as Traitor **180**, 463.
Henning, E.R. **411**, 708. **414**, 1165.
Personnel **235**, 1507.
Rebuilding Personnel **214**, 1979.
Henri IV (Fr. battleship): Trials **107**, 746.
Henrikson, T.P.: Technical Experts Are Not Enough **667**, 33.
Henri Poincaré (FN) **337**, 402. **345**, 1568.
Henrizi, J.T.
Diminishing Returns in the CVA **738**, 70.
First Requisite (anec) **777**, 61.
For Want of a Nail **726**, 44.
Legitimate Drunk (anec) **765**, 59.
Perfect Trust (anec) **764**, 85.
USS Suribachi (AE-21) (NewNav) **714**, 152.
U.S. Navy Colliers (OldNav) **771**, 162. **774**, 102.
Henry, E.B., Jr. **607**, 1018.
Henry, F.
and C. Roberts: Japan's Pearl Harbor, Ogasawara Jima **489**, 1459.
Japanese Espionage and Our Psychology For Failure **483**, 639.
Japanese Espionage, Foundation for War **488**, 1335.
Microphone Is Yours **484**, 849.
Henry, H.D.: Kedging the Constitution **282**, 1509.
Henry, J.A., Jr.
Image of a Winner: Answer to Personnel Retention (C&D) **828**, 93.
Inactivation of the Randolph--"As Gentle a Hardship as Possible..." (Hussmann) (C&D) **810**, 105.
United States Navy for the Future (Smith) (C&D) **820**, 89.
Henry, L.R.: Coastwise Navigation (anec) **572**, 1126.
Henry, R.B. **354**, 1211. **400**, 867. **474**, 1155.
Marking Fitness Reports **383**, 80. **388**, 858.
Sabbatical Year **398**, 487, 561.
Henry, S.M.: Storekeeping at the Navy Yards **122**, 816.
Henry, W.O.: Six-year Course at N.A. **231**, 725.
Henry B. Hyde (U.S. sailing ship) **391**, 1253. **403**, 1321.
Henry B. Wilson (U.S.) **874**, 72. **885**, 108.
See also: New Navy.
Henry the Navigator, Prince. W.B. Lewis **693**, 63.
Hensley, Matt **673**, 99. **678**, 107. **680**, 102. **690**, 116. **692**, 106. **700**, 95. **705**, 115. **708**, 115.
See also: J.R. Johnson.
At Sea in a Monitor (C&D) **740**, 100.
Whipping Boy **645**, 1154.
Henson, M. **538**, 1506.
Henson, Matthew: Peary and the North Pole, the Lingering Doubt. Dennis Rawlins **808**, 32. **814**, 87. **824**, 97.
Henzel, Hans (BkRev) **763**, 132.
Hepburn, A.J.
Some suggestions in practical navigation **149**, 145.
United States Fleet **404**, 1443.
Hepburn (U.S.): Commanding Officer Comments: New USS Hepburn (DE-1055) (ProfNote). S.D. Landersman **817**, 99. **825**, 95.
Hepfinger, W.J.: The Leopard's Spots (anec) **755**, 85.
Heraldry and Our International Signal Flags. F.C. Nyland **403**, 1261. **410**, 555.
Herbert, H.A.
Long Arm of Authority (anec) **698**, 35.
The Sea and Sea Power as a Factor in the History of the United States **79**, 561.
Herbert, R.E., Jr. **635**, 93.
Herbert, R.G., Jr. **690**, 111. **694**, 107, 108. **704**, 114. **711**, 118.
Automation: The Bitter Pill (C&D) **781**, 116.
Herbster, V.D. **824**, 39.
Offensive Power of Aircraft **283**, 1701.
United Air Service **256**, 886.
Hercules (HMS)
Description **139**, 1957.
Record of the various ships named Hercules **131**, 960.
Trials, description **138**, 633.
Here and There. George R. Clark **322**, 1052.
Herlihy, J.L. **650**, 447.
Hermance, C.H.: Calculation of Tonnage **205**, 409.
Herman Frasch (SS): Sunk in Collision with SS George C. Henry **189**, 2668.
Hermann, Wolfert: See: Frost, H.H. **191**, 21.
Hermes (Eng) **246**, 1340. **249**, 1887. **333**, 998. **344**, 1421. **348**, 206. **353**, 1087. **357**, 1675.
Destroyed by Submarine **155**, 249.

Hermitage (U.S.): It's Your Own Money You Are Spending. J.A. Hack **609**, 1213.
Hernandez, D.E.: Human Factor in Deterrence (C&D) **748**, 121.
Herndon, H. **347**, 129.
Herndon, W.L.
Death **299**, 84.
Loss of Central America **405**, 1608.
Herndon, William Lewis: Herndon, Maury, and the Amazon Basin. J.P. Reddick, Jr. **817**, 56. **829**, 109.
Hero (HMS): Firing Experiments, 1908: **125**, 350.
Hero (U.S.) **820**, 90.
Another Hero Is Born (ProfNote). F.V. Rigler **799**, 146.
Assignment: Antarctic (Pict). W.R. Curtsinger **816**, 56.
Herold, F.C.
Coast Guard as Naval Asset **461**, 969.
Emergency Wanted (anec) **537**, 1323.
Mistaken Identity (anec) **562**, 1385.
Officers and Gentlemen (anec) **559**, 1017.
Hero worship: The Hobson Craze. B.C. Shaw **876**, 54. **883**, 83.
Herrera, Joaquin: Compass Corrections **166**, 1941. **170**, 771.
Herrick, R.W.: Communist China--Growing Seapower? (ProfNote) **823**, 106.
Herrick, S.: Air Almanac Refraction Tables **499**, 1141.
Herrie, G.: The Capabilities of the Chart Compass **81**, 141.
Herrman, L.V.: Apartheid: Shadow Over South Africa (Rondeau) (C&D) **888**, 74.
Herrmann, E.E. **282**, 1563. **329**, 667. **587**, 86.
Hersey, J.: Attacks on World Government **585**, 1169. **589**, 322.
Hershey, M.M.: Right Phone for the Wrong Answer (anec) **775**, 83.
Hertel, F.M.: Naval Academy and Naval Aviation **539**, 37.
Hertel, U.: And She Probably Didn't Smoke (anec) **878**, 68.
Hertel, V.J.: New Look for Nautical Charts (ProfNote) **792**, 135. **800**, 112.
Hertha (Ger. cruiser): Sunk in Baltic Sea **155**, 258.
Hertog Hendrik (Neth) **385**, 431.
Herzog, Bodo, and Allison Saville: Top Submarines in Two World Wars (Pict) **703**, 90.
Herzog, J.H.: Whampoa Academy **782**, 46.
Heselton, L.R., Jr. **541**, 351. **568**, 675. **594**, 907. **605**, 785. **694**, 106.
Communications Satellite: A Faint Flutter of Wings (C&D) **787**, 111.
Hesperian (SS)
Experts State Hesperian Was Sunk By Torpedo **160**, 2118.
Loss of the Hesperian **159**, 1713.
Hess, L.R. (Co-author): See: J.B. Washbush.
Hess, R.L.: Protest at Snowy Beach (Blanchard) (C&D) **837**, 90.
Hesselman, L.W.: Some Selective Service Aspects of Interest to Navy **478**, 1671.
Hessler, W.H. **612**, 219. **613**, 346. **621**, 1281. **623**, 109. **659**, 102, 103. **668**, 110. **690**, 114.
Africa: Blessings of Colonialism **692**, 27.
Air-Sea Power on Asian Perimeter **584**, 1019.
American Foreign Policy: Patient Courage Pays Off **635**, 9.
America's Merchant Marine of the Air **675**, 48. **680**, 101.
Battleship Paid Dividends **523**, 1143.
Blue Water Around Red China **720**, 27. **724**, 121.
Canada: Our Closest Ally **625**, 283.
Care and Feeding of an Oceanic Alliance **698**, 27. **702**, 104, 105.
Carrier Task Force in World War II: **513**, 1271.
East Africa: Bastion for the Western World **697**, 42.
Geography, Technology, and Military Policy **530**, 379.
Geopolitics for America **493**, 245.
Guerrilla Warfare Is Different **710**, 35.
India as a Prospective Partner **732**, 72. **739**, 109, 113. **742**, 113.
Limits of Policy of Power **574**, 1321.
Merchant Fleet on the Ohio **640**, 611.
Mid-Century America: Empire Without Imperialism **605**, 727.
Military Government in Navy **489**, 1471.
More and Better Geography Needed **682**, 40.
National War College--a Civilian Appraisal **637**, 272.
Naval Power in Tomorrow's World **506**, 369.
Norway's Role in U.S. Defense **689**, 31.
Pakistan and Himalayas **618**, 851.
Patience: Bedrock of Strategy in the 1960s **744**, 26. **747**, 112.
Persian Gulf Command **644**, 1027. **646**, 1331.
Sea Power in Global War **499**, 1077.
Sixth Fleet: Beefed Up for a Bigger Job **666**, 23.
Sweden's Armed Neutrality **623**, 39.
There's No Substitute for Diplomacy--or For Power **653**, 691.
Tug of War in Baltic **598**, 1301.
Turkey: As Ally, She's Natural **594**, 839.
Versatile Sixth Fleet **591**, 469.
War: Always an Art **662**, 23.
Hetenyi, M. **578**, 431.
Hetter, F.L.: The Silent Vote (Dengler) (C&D) **820**, 92.
Heuer, E.H.: That Cold Northwind (anec) **648**, 171.
Heuer, H.W.: Time Ran Out (anec) **579**, 503.
Heuss, E. **536**, 1238.
Hewes, E.B. (Co-author): See: J.J. Clark.
Hewett, D.H.: The Navy--A Retention Gap (McGarry) (C&D) **800**, 113.
Hewett, M.A.: Waiting Wives (O'Beirne) (C&D) **887**, 81.
Hewish, Mark
Weapon Systems
Exocet **880**, 102.
Gabriel **881**, 101.
Harpoon **888**, 102.
Martel **885**, 112.
Northern European Antiship Missiles **894**, 107.
Phoenix **884**, 142.
Roland **892**, 122.
Sea Dart **883**, 101.
Seawolf **889**, 107.
Soviet Navy Surface-to-Surface Missiles **887**, 115. **893**, 90.
Sparrow and Derivatives **893**, 123.
Hewitt, H.K. **274**, 2334. **283**, 1792. **589**, 325. **591**, 553. **613**, 333. **626**, 454. **642**, 882. **654**, 897. **655**, 1005. **674**, 111. **700**, 106. **705**, 118. **712**, 122. **717**, 119.
Allied Navies at Salerno: Operation Avalanche--September 1943: **607**, 959.
Another Wrinkle in Navigation **209**, 1075.
Executing Operation Anvil-Dragoon **618**, 897.
Landing in Morocco, November 1942 (Pict) **597**, 1243.
Naval Aspects of Sicilian Campaign **605**, 705.
Painful Development of a Professional Navy (C&D) **764**, 120.
Planning Operation Anvil-Dragoon **617**, 731.
Hewitt, Henry Kent: Skipper of the Eagle: Rehearsal for Greatness. J.H. Clagett **878**, 58.
Hexamer, C.J.: Fireproofing Wood **90**, 449.
Heydenreich, J.G.: Feasibility of the Franklin Piloting Technique (Brown) (C&D) **810**, 98.
Heyer, W.F.
One and One Equals Three (anec) **665**, 45.
Sighted Shellback X Skinned Same (anec) **680**, 146.
Heyward, A.S., Jr. (BkRev) **823**, 100.
Heywood, C. **621**, 1274.
Heywood, W.M., Jr.: In Wake of Invasion **542**, 457.
Hibbard, J.D. **437**, 1038.
Hibbs, R.S. **646**, 1330. **668**, 104. **674**, 108.
Islam, Force for East or West? **620**, 1085.
Volga-Don Canal, Significance of. **640**, 627.
Hibernia (HMS): Launched; description **115**, 713.
Hibiki (Jap) **355**, 1377.
Hichborn, P.
Designs of Denver Class of Cruisers **92**, 892.
Sheathed or Unsheathed Ships **48**, 21.
Hickey, A.S. **393**, 1694.
Rear Admiral Robert Wilson Shufeldt **479**, 73.
Hickman, W.B.
A Heated Exchange (anec) **845**, 33.
I Am the Captain (anec) **857**, 39.
Hicks, H.L.: Use of H.O. 214 in Preparation of Magnetic Azimuth Curve **463**, 1271.
Hicks, Steacy D.: One Hundred Years of Tide Predictions (ProfNote) **779**, 131.
Hicks, T.H.
Purchase System of the Navy **118**, 703.
Storekeeping at the Navy Yards **122**, 813.
Hiebert, E.A.: Officer Appraisal in the Armed Forces (C&D) **750**, 115.
Hieskell, H.M. **436**, 933.
Hiestand, R.L. **678**, 103.
Of Hosenoses, Stoofs, and Lefthanded Spads (C&D) **788**, 103.
Higbee, F.D.: Overdue Aids to Navigation (ProfNote) **821**, 103.
Higgins, E.P.: Under New Management (ProfNote) **804**, 110.
Higgins, J.H. **603**, 571.
Higgins, J.W., Jr. **688**, 111.
Higgins, Jolis S.: Coal for the Navy **148**, 1427.
Higgins, Trumbull **636**, 202. **641**, 769. **646**, 1330.
East Wind Rain **633**, 1198.
Higginson, F.J.
Darrieus; War on the Sea **126**, 698.
Weapon **429**, 1695.
Higham, Robin (BkRev) **818**, 98.
Higham, Robin D.S. **630**, 945. **648**, 223. **659**, 97. **687**, 113.
High Frequency Direction Finder: Stay Tough (C&D) **770**, 108.
High-Frequency Radio Tests for Aircraft. W.H. Hoffman and F.H. Schnell **306**, 663.
Highflyer (HMS) **302**, 287.
Highland Light: See: Cover Pictures--February 1962.
High Point (U.S.)
See also: New Navy.
Navy Hydrofoil Is ASW Ship (Nbk) **726**, 136.
High Pressure Test Chamber Will Simulate 1,730 Feet (Nbk) **787**, 158.
Hijacked American Merchant Ship Returns to Alameda (Nbk) **810**, 129.
Hilary (HMS): Torpedoed **173**, 1610.

Hilbert, W.E.: Three-Mile Limit of Territorial Waters **424**, 804.
Hildebrand, J.H. **583**, 990.
Hilgard, J.E.: On the Length of a Nautical Mile **20**, 317.
Hill, A.S.: Flight of Filliloo Bird **599**, 45.
Hill, D.J.
Threshold of New Era **281**, 1391.
World Peace **335**, 129.
Hill, F.A., III: View From the Bridge--1980 (ProfNote) **823**, 103.
Hill, F.K.
Coordination Before and During War **142**, 563.
Points Suggested by Fleet Drill **76**, 741.
Role of Doctrine in Naval Warfare **156**, 357.
The Secondary Battery **88**, 737.
Torpedo Tubes in Battleships **107**, 560.
Hill, G.E., II: **674**, 108.
Hill, H.H.: Acoustical Methods of Depth Finding **301**, 212.
Hill, H.W. **640**, 661.
Book Reviews **748**, 122. **753**, 113. **791**, 103, 117.
Tactical and Fire Control Concentration Problems **225**, 1765.
Hill, J.C.
Book Review **802**, 132.
Corsair II As I See It **789**, 38.
Hill, J.D.: Charles Wilkes-Turbulent Scholar of Old Navy **341**, 867.
Hill, K.L. **656**, 1127.
Hill, P.C., Jr.: Love Charlie Item **508**, 675.
Hill, R.A.S. **345**, 1574.
Hill, R.C.: Collisions and Groundings: Preventing the Preventable **862**, 42.
Hill, R.C., II: On Strengthening Our Merchant Marine **593**, 757.
Hill, T.: Instrument for Solving Spherical Triangles **10**, 493.
Hill, W.P.T. **422**, 591.
Hilliard, J.B., and R.A. Long: The First Time (OldNav) **792**, 147.
Hilliard, R.B.: Salvage of S-19: **270**, 1408.
Hillman, Lisa: See: J.H. Fellowes.
Hill's Point Battery: Capture of, 1863: **129**, 143.
Hiltner, W.F.: Sphero-Metric Navigation for Our Air Age **515**, 69. **518**, 575. **520**, 838.
Hilton, C.H. **650**, 444.
Isaac Peral and His Submarine **645**, 1194.
King Island **413**, 980.
Hilton, Jack: Stranger in the Crowd (Jacobsen) (C&D) **863**, 75.
Hilton, R.M.: Let's Face It! (anec) **652**, 627.
Hinckley, R.M., Jr. (BkRev) **741**, 122.
Hinckley, W.F.: Russian Jam (anec) **550**, 1543.
Hindenburg, P. von **268**, 1089. **269**, 1314. **380**, 1433.
Hindenburg (Ger. airship) **412**, 809. **413**, 1033. **415**, 1319.
Hindenburg (Ger. cruiser): Launched; description **159**, 1641.
Hinds, A.W. **252**, 248.
Better Preparation for War **282**, 1496.
Guam as a Naval Base **156**, 449.
Lessons for American Navy from Jutland **226**, 1877.
Military Prudence **165**, 1443.
Panama Canal's Biggest Ship **271**, 1703.
Peace, or War? **159**, 1409.
A Plea for a Five-Year Course **141**, 187.
Sea Service Made Easier and More Efficient **245**, 1097.
Hindustan (HMS) **337**, 399.
Launched; description **113**, 211.
Hine, J.T., Jr.: Replenishment at Sea (anec) **777**, 112.
Hines, J.F.: Calculating Intersection of St. Hilaire Lines **162**, 555.
Hinkamp. C.N.
Bringing in the Sheaves (illus) **197**, 1117.
Pipe Sweepers **211**, 1477.
Using an Old Wrinkle **213**, 1785.
Hinkel, H., Jr. **397**, 411.
Additional Uses for H.O. 211: **400**, 848. **405**, 1626. **408**, 251.
Longitude by H.O. 211: **386**, 499, 553. **390**, 1160. **395**, 101. **397**, 413.
National Policy and Naval Power **278**, 724.
Hinrichs, D.M. **697**, 115.
Well Anchored (anec) **577**, 283.
Hipp, T.E.: Job for Supply Corps **298**, 1303.
Hipple, William (BkRev) **736**, 130. **740**, 102.
Hirado (Jap. cruiser)
Illustration; description **145**, 384.
Illustration, plans **158**, 1111.
Hiranandani, G.M.: Ancient India's Modern Navy (ProfNote) **718**, 133.
Hirano Maru (SS): Torpedoed **189**, 2670.
Hirohito (Emperor of Japan) **311**, 75.
Hironori, M.: America's Pacific Maneuvers **268**, 1085.
Hirschberger, C.H.: Building of the USS Saratoga **675**, 80.
Hislam, Percival A.
Battle Practice in the British Navy **129**, 304.
Losses in Naval War **184**, 1366.
The Submarine Problem **174**, 1843.
The White Flag: a Problem in Submarine Warfare **161**, 275.
Hislop, C.E.: Un-common Carrier **778**, 45.
His Majesty's Stationary Sloop-of-War. Jac Weller and Sir Frederick Hervey-Bathurst **674**, 73. **680**, 104.
Historical Facts on Diving. H. Hartley **337**, 341.
Historic Cavite Navy Yard. H.F. Cope **331**, 811. **333**, 1030.
Historic Parallel of Interest. J.F. Dahlgren **352**, 890.
Historic Ships
Historic Naval Ships Association of North America (Pict) **895**, 61.
Historic Ships of the Navy. R.W. Neeser **275**, 26. **281**, 1339. **283**, 1758. **286**, 2437. **288**, 171. **291**, 558. **302**, 289. **307**, 763. **313**, 209.
A Memory of Ships. Harvey Haislip **895**, 48.
History
Adams Men-of-War. D.W. Knox **356**, 1549. **358**, 1845.
American Marines in Revolution. E.N. McClellan **244**, 957.
American Naval. D.W. Knox **329**, 588.
American Navy in Hawaii. A.P. Taylor **294**, 907.
Ancient Overseas Campaign. W.C.I. Stiles **301**, 201.
Ancient Seapower: Mithiridatic Wars. J.W. Pratt **254**, 561.
An Episode. E.W. Hanson **331**, 843.
As Before Except. H.A. Gosnell **335**, 63.
Austrian Navy in Escape of Goeben and Breslau. B. von Berchem **351**, 701, 795. **357**, 1647.
Bridge Across Atlantic. Y. Stirling **271**, 1669. **273**, 2173.
Cable Cutters of Cienfuegos. C.C. Hanks **337**, 353.
Condition and Needs of Our Navy, 1815: **298**, 1309.
Confederate Commerce Destroyers. C.C. Hanks **349**, 394. **354**, 1199.
Cruiser Captured an Island. C.C. Hanks **353**, 1011.
Cups and Saucers for Seamen **269**, 1254.
The Dawn of Naval History. S.B. Luce **87**, 441.
Development and Growth of American Navy. W. Evans **272**, 1897.
English Essays **267**, 811.
Enterprise, The Name. (ProfNote) **699**, 173.
Farragut. C.F. Goodrich **250**, 1961.
Farragut at Crossroads. A. Mordell **335**, 151. **340**, 858.
Father of American Navy. F.E. Cross **298**, 1296.
For Honor of Flag. E. Snow **346**, 1661, 1704.
Fort Fisher Volcano. W.E. Beard **354**, 1151.
Founding of American Navy **316**, 491.
Fragment of Naval War College History. J.H. Russell **354**, 1164.
Gallant Fight of Winslow at Cardenas. C.C. Hanks **333**, 1009.
Great Forgotten Man. A.H. Miles **311**, 1.
Heart of Navy. F.H. Schofield **308**, 834.
He Is With The Heroes. C.C. Hanks **347**, 18. **352**, 903.
Historic Ships of Navy. R.W. Neeser **275**, 26. **281**, 1339. **283**, 1758. **286**, 2437. **288**, 171. **291**, 558. **302**, 289. **307**, 763. **313**, 209.
History and Strategy, Naval, Syllabus and Guide to Reading **493**, 369.
History as Guide to Naval Policy. L.W. Batten III: **544**, 743.
History Repeats. O.C. Badger **267**, 707.
In Alaskan Navy. G.C. Weldin **355**, 1301.
Influence of Western Navies on Navies in War and in Peace (Part 10). S.G. Gorshkov **860**, 56.
It Happened in Bahia. R.S. Lawson **352**, 834.
Let's Pull Together. H.H. Frost **354**, 1175. **358**, 1844.
Leviathans of Antiquity. T.L. Schumacher **265**, 446.
Lloyd's of London **342**, 1123.
Lobster Ghost. R. Stone **338**, 451.
Naval History
Battle Off Mylae. J.J. Putnam **695**, 90. **700**, 99.
Snug Harbor for Naval Memorabilia. Scarritt Adams **676**, 71. **680**, 103.
Value and Danger of Naval History. A.E. Sokol **522**, 1059.
World War II. A.D. Turnbull **529**, 309.
Naval History--Aviation
From Box Kites to Swept-back Wings (Pict). Harold Andrews and J.E. Oglesby **699**, 103.
Naval Aviation in the Proceedings, 1911-1961 (ProfNote) **699**, 145.
Naval Aviation's First Year. G.E. Wheeler **699**, 89.
Naval Academy in Bygone Days and Today. P.H. Magruder **351**, 673.
Naval War College. J.T.G. Stapler **354**, 1157.
Navy and Diplomatic Policies. W.L. Rodgers **312**, 99.
Navy and 104 Years of Monroe Doctrine. L.C. Dunn **310**, 1067.
Navy at Battle of New Orleans. E.N. McClellan **262**, 2041.
Navy at Battles of Trenton and Princeton. E.N. McClellan **249**, 1848.
Navy Spreads Its Golden Wings. G.F. Bogan **699**, 97.
Nelson and Court-Martial Tradition. F. Pratt **321**, 943. **325**, 226.
Old Naval Literature. L.N. Feiple **227**, 49.
Old Navy. J.K. Taussig **215**, 1.
One Dab of Whitewash for Nelson. M.M. Zogbaum **358**, 1747.
Origin of Continental Navy. C.O. Paullin **297**, 1158.
Our Infant Navy Strangled a War Horror. E.S. Maclay **202**, 2041.

History (Cont.)
Piscataqua's Pirates. W.M. Greene **348**, 241. **353**, 1049.
Preserving Tradition. H.C. Davis **280**, 1129.
Program
History While It's Hot. W.C. Chambliss **494**, 415.
Navy's History Program. D.W. Knox **487**, 1196.
Program for Naval History. J.M. Scammell **232**, 973.
Road to Wisdom. R.L. Berkman **805**, 58. **809**, 109.
Saint Lawrence and Petrel. J.M. Morgan **210**, 1218.
Screw Propeller, Early. H.F.D. Davis **338**, 485.
The Sea in the Making of America. C.G. Reynolds **881**, 36. **887**, 88.
Seagoing Customs. C. Lathrop **311**, 11. **322**, 1066.
Seamen and Ships of Desert. W.D. Brinckloe **355**, 1333.
Sea Power and Yorktown Campaign. A.H. Miles **297**, 1169.
Sea Tale in American Literature. C.L. Lewis **288**, 163.
Service of Marblehead to U.S. Navy. T.G. Frothingham **286**, 2413.
Siege of Baler Church. C.C. Hanks **340**, 782.
Some Famous English Sea Tales. C.L. Lewis **302**, 293.
Spanish Naval Prisoners of War at Annapolis, 1898. P.H. Magruder **328**, 489.
Sponsor of American Navy--Benjamin Franklin. C. Lathrop **299**, 31.
Struggle to Build a Great Navy. Francis Duncan **712**, 82.
Study of, for Naval Officers. C.B. Mayo **225**, 1755.
Study of Naval History. H.J. Fenton **201**, 1867.
Suicide Flotilla. H.F. Breckel **292**, 661. **295**, 1002. **301**, 219.
Superstitions of Sailors **311**, 14.
Those That Are Carried in Tops of Ships. H. Philibert **337**, 365.
Three Veterans of U.S. Navy. L.S. Perry **339**, 632.
Thucydides and Sea Power. J.M. Scammell **219**, 701.
Tradition: Captain Felix Riesenberg on Ship Names **345**, 1563.
Tragedy of Admiral Byng. L. Hunt **303**, 361.
Tripolitan Fragment. P. Pratt **298**, 1316.
U.S. Navy on Yangtse River. G. Howell **302**, 273.
Unity of Command in Civil War. J.C. Thom **349**, 371.
Value of Study of Civil War **357**, 1687.
Vanishing History and Traditions. D.W. Knox **275**, 15, 109. **278**, 705, 706.
Voyage of Charleston to Manila. A. Farenholt **255**, 753.
When Navy Railroaded in China. G.R. Clark **294**, 846.
Wilkes and His Exploits. M.H. Krout **253**, 405. **257**, 1131.
Wilkes--Turbulent Scholar of Old Navy. J.D. Hill **341**, 867.
Hitchcock, J.H. **697**, 111.
Demotion of Professionalism at the War Colleges (C&D) **748**, 112.
Discrimination in Selections; Fact or Fancy? **691**, 72. **694**, 107.
Hitchcock, John: Technical PG Quandary (C&D) **733**, 111.
Hitler, Adolf
See: Erich Raeder--Navy, Hitler, and the Nazi Party; Stalin and Hitler.
Hitler and the German Officer Corps. Kurt Assmann and R.E. Krause **639**, 509.
Hitler's Flattop--The End of the Beginning. C.G. Reynolds **767**, 40. **771**, 126. **776**, 101. **778**, 112, 113.
Hitler Versus His Generals in the West. Martin Blumenson and James Hodgson **646**, 1281.
Operation Walküre. V.R. Carlson **688**, 75. **697**, 108, 110. **702**, 105.
Some Personal Recollections of Adolf Hitler. H. Assman. Tr. by R.E. Krause **610**, 1289.
Hitt, P. **420**, 261. **444**, 261.
Amphibious Infantry **420**, 234.
Hittle, J.D. **549**, 1434. **550**, 1564. **555**, 595. **557**, 829. **563**, 95. **582**, 888. **584**, 1107. **589**, 328. **639**, 550.
Background of Chinese Action **594**, 821.
Basis of Sino-Soviet Accord **602**, 373.
Korea--Back to Facts of Life **574**, 1289.
Military Planning at the Seat of Government **653**, 713. **657**, 1235.
Montgomery and Conflicting Philosophies of Sea Power **627**, 521. **632**, 1156, 1157.
Sea Power and National General Staff **560**, 1091. **587**, 85.
Hixson, R.M.
Moonlighting Toward a Master's (Goad) (C&D) **801**, 127.
Retention: The Talk and the Deeds (McIntosh) (C&D) **832**, 107.
Hiyei (HIJMS) **325**, 239.
Hiyō (Jap): Unlucky in June: Hiyō Meets Trigger. E.L. Beach **650**, 376.
Hjertstedt, H. **601**, 320.
Hoadley, W.T., Translator
Battle of Sea of Japan: Official Version of Japanese General Staff, maps **152**, 961.
Battle of the Yellow Sea: Official Version of Japanese General Staff, maps **153**, 1283.
Operations Around Port Arthur: Official Version of Japanese General Staff, (illus) **154**, 1627. **158**, 1139. **159**, 1507.
Hoback, T.S.
Book Review **863**, 90.
The "Ideal" ASW Vehicle: A Modest Proposal (Sear) (C&D) **877**, 126.
The Polar Icebreakers: in a Class by Themselves (Venzke) (C&D) **885**, 79.
Hobbie, R.L.
Crisis in Leadership (C&D) **746**, 109.
Prestige and the Navy Family (C&D) **745**, 106.
Hobbies
Idle Hands...or Hobbies? C.M. Hatcher **520**, 801.
Match Book Covers **541**, 353.
Ship-Model Building as Naval Officer's Hobby. A.R. McCracken **377**, 974, 985. **382**, 1753.
Hobbs, I.E.: Drift Determination in Aërial Navigation **395**, 28. **399**, 716.
Hobbs, R.R. **785**, 104.
Congreve War Rockets, 1800-1825: **781**, 80. **785**, 104. **787**, 110.
Hobbs, W.H. **538**, 1506. **379**, 541.
Early Attempted Flights to Europe Over Greenland **551**, 39.
Problem of New Trans-Isthmian Canal **564**, 129. **570**, 911. **580**, 656.
Hobby, Riding a. H. Wagner **328**, 486.
Hoblitzell, J.J. **727**, 101.
Logbook of Mine Warfare **718**, 33.
Hobson, Paul **634**, 1381. **655**, 1005. **682**, 105. **695**, 113.
Important Omission (anec) **637**, 259.
Hobson, R.P. **452**, 1447.
Continuation of Article on Aluminum and Defender, from No. 82: **83**, 523.
The Disappearing Gun Afloat **75**, 599.
Europe: Outlook and Situation, 1895. Hon. Mention, 1895: **74**, 349.
Notes on the Yacht "Defender", and the Use of Aluminum in Marine Construction **82**, 249.
Hobson, Richmond Pearson: The Hobson Craze. B.C. Shaw **876**, 54. **883**, 83.
Hobson's Choice Editorial **610**, 1364.
Hoche, L.: Expedition to Ireland, 1796. See: Daveluy, R.: Conquest of Territory Overseas **127**, 973.
Hochner, R.M. **633**, 1270.
Hodgdon, A.J.
Guardians of Sea Power (Beebe) (C&D) **887**, 88.
Naval Review 1968 (C&D) **786**, 106.
Hodge, A.W. **427**, 1342.
Hodges, G.W.: The Rambler (C&D) **767**, 97. **771**, 123, 125. **772**, 108.
Hodgson, G.S. **780**, 108.
Of Hawks and Doves **771**, 30.
Hodgson, James (joint author): See: Martin Blumenson.
Hodsdon, R.P.
Not to Maine (anec) **557**, 791.
Passing Buck (anec) **554**, 433.
Hoeck, W.N.: Operation Chase (C&D) **779**, 104.
Hoehler, N.E., III: Unrestricted Line Ph.D: An Assessment (ProfNote) **852**, 108. **856**, 93. **857**, 91.
Hoehne, V.O. (Joint Contrib.): See: R.I. Widder.
Hoeppner, Fred **660**, 109.
Hertz, F.J.: Monticello--March 1959 Cover.
Hoff, A.B. **273**, 2173. **340**, 857. **373**, 399.
Fleet Ready to Fight **132**, 1029.
Hints on Naval Tactics **125**, 41.
Inspection Duty at Navy Yards **142**, 741.
Money for the Navy **125**, 90.
Nation's Defense **125**, 325.
Navy Yard Economy **138**, 597.
Organization of the Ship **146**, 575.
Preble and Philadelphia **388**, 818.
Some Remarks on Goodrich's Aids to Contentment **124**, 1493.
The Submarine as an Enemy **114**, 383.
Hoff, A.B., Translator
Filho, G.H., Trinitrotoluol or trotyl, torpedo charges **146**, 721.
Mujica, A.P., Calculating without logarithms...the atltitude...and azimuth **148**, 1557.
Hoff, W.B.
The Avoidance of Collisions... **33**, 225.
Drawings **370**, 1827.
Our Naval Policy... **37**, 121.
Hoffman, C.J.: The Old Iowa's Ram (Old-Nav) **862**, 64.
Hoffman, H.P. **730**, 124.
Hoffman, J.O.
Both Sides of the Picture **321**, 938.
The Job **237**, 1915.
Recruiting Salesmanship **220**, 825.
Hoffman, N.H.: See: Snell, F.H.
Hoffman, R.A.: Japan Builds a Seaplane (ProfNote) **780**, 124.
Hoffman, R.H.: Patrol Guerrilla Motor Boats (C&D) **737**, 107. **741**, 111.
Hoffman, R.L.: Short and Sweet (anec) **642**, 865.
Hoffman, W.S.: Is Military Unionization an Idea Whose Time Has Come? (Kane et al.) (C&D) **892**, 92.
Hoffmann, G.H. **408**, 256.
Fast Battle Wing **426**, 1095.
H-Type Pocket Battle Cruiser **390**, 1096. **393**, 1694.
Hoffmann, R.F.: Offensive Mine Warfare: A Forgotten Strategy? (NavRev) **891**, 142.
Hofford, J.L.: Inspection Over...board (anec) **679**, 77.
Hogaboom, R.E. **669**, 114.
Hogan, H.C.: NAO--Navy's Newest Career Opportunity **697**, 62.
Hogan, Phyllis J. (joint author): See: Hogan, W.C.
Hogan, W.C. **677**, 111.

and Phyllis Hogan
Road To Geneva **624**, 137. **628**, 700.
Soviet Faith: Case Study of Poland **618**, 869.
Spirit of Geneva **642**, 797.
These Issues We Must Teach **602**, 353. **605**, 788.
Hogan (USS) **259**, 1400.
Hogg, G.M., Jr. **727**, 101.
Universal Courtesy (anec) **622**, 1340.
Hogg, J.H.
Portygee Joe (anec) **565**, 287.
Purdue's Mathematics Course for Retired Officers (ProfNote) **685**, 137.
Hogg, W.S.
See also: Tawresey, A.P.H.
A New Speed Indicator **17**, 336.
Hog Island Shipyard **201**, 1921. **202**, 2086. **328**, 552.
Hog Island Vindicated **198**, 1440.
Hogue (HMS)
Sunk by Submarine **154**, 1863.
Trials **101**, 108.
Hogue (USS) **282**, 1560.
Hohenner, W.W. **697**, 121.
Hohenstein, C.G.: Mysterious PG Selection Process (C&D) **787**, 106.
Hohenstein, C.R. **684**, 99.
Hohenzollern II (Ger. yacht): Description **151**, 835.
Hohlfeld, R.M.: Lost Sheep--Our Navy in the World of Good Intentions (Schreadley) (C&D) **857**, 87.
Hohmann, W.D.: Wanted: An Effective ASW Ship (C&D) **735**, 112. **739**, 116.
Hohn, A.C., and F.S. Ashburn: Medical Pioneering in Marshalls **499**, 1087.
Hoke, T.C.: Stars in His Eyes (anec) **735**, 91.
Holbrook, F.M. **673**, 99.
At Sea in a Monitor (OldNav) **734**, 164. **740**, 100, 101.
Holbrook, F.X.
Amelia Earhart's Final Flight **816**, 48. **825**, 88, 91, 92, 93, 94.
and John Nikol: The Courting Season of 1903 (OldNav) **874**, 60.
Holbrook, H.B., II: Trapped By Nonselection? (Nelson) (C&D) **823**, 92.
Holbrook, M.E. **600**, 206. **783**, 114.
and H. Fukaya **612**, 213.
Editor: See: Fukaya, H.
Needed: A Pocket Battleship (C&D) **777**, 101.
Our Dilemma in Japan **563**, 23.
Review of Post-War Construction **573**, 1231. **578**, 423.
Rocket Firing Submarine **575**, 47.
Holcomb, B.T.: Modern Chinese Army **340**, 795.
Holcomb, C.C.: Command Attention: Cure-All or Crutch? (C&D) **844**, 85.
Holden, A.L.
Buoyant Materials for Navy Life Preservers in World War II: **524**, 1327.
Joint author: See: Pearson, K.G.
Holden, E.C., Jr. **420**, 261.
1938--New Safety Era in American Merchant Marine "Safety in Operations" **425**, 990. **428**, 1492.
Holden, J.H.: Shipmate. W.T. Cluverius **394**, 1797.
Holderness, George A. **627**, 596.
Holdup of SS Buckman. S.A. Wheeler **447**, 644.
Holfield, A.W., Jr.: "Pack Up Your Troubles...and Smile..." (anec) **777**, 112.
Holland: See: Netherlands.
Holland, G.R.: Proceedings Cover--The American's Creed (C&D) **832**, 101.
Holland, J.P.: Fenian Ram. C. Rucker **390**, 1136.
Holland, John P.: Submarine for the Tsar. F.G. Babbitt **806**, 46.
Holland, W.J., Jr.
Against All Enemies (Hanks) (C&D) **813**, 81.
ASW: Some Submerged Views (ProfNote) **871**, 97.
Command at Sea--the Ultimate Specialty **886**, 18.
Holland (U.S. sub) **455**, 76. **599**, 85.
Submarine Torpedo Boat. F.T. Cable **480**, 173.
Story of the Holland Submarine (Pict). R.K. Morris **683**, 79.
Hollander, C.H.
Notebook Item--Merchant Fleet Measure Signed (C&D) **811**, 96.
Olympian Legacy (Alden) (C&D) **888**, 83.
Shoes and Ships and Sealing Wax... 75 Years of Proceedings Advertising (C&D) **853**, 104.
Hollingsworth, V., Jr.: New Torque-Free Line Retrieves H-Bomb (ProfNote) **771**, 146. **774**, 108.
Hollins, G.N.: Port **184**, 1219.
Hollis, J.J., Jr. (photog): Rough Seas--May 1973 Cover.
Holloway, J.F., Jr.: The Role of the Services in Support of Foreign Policy (NavRev) **879**, 66.
Holloway, J.K., Jr. **705**, 116.
Comparative Studies in Naval History (C&D) **749**, 114.
Post-Vietnam Navy: the Rhetoric and the Realities **834**, 52. **838**, 87. **847**, 96.
Red Navy's Role in the Sino-Soviet Split **847**, 18.
Holloway, J.L., Jr. **727**, 96.
For the Record (anec) **760**, 91.
Holloway Plan 17 Years After (ProfNote). E.E. Hopley **738**, 151.
Holloway Plan--Summary View and Commentary **537**, 1293.
Holloway, J.L., III
The President's Page **868**, 3.
The Transition to V/STOL **895**, 18.
The U.S. Navy: A Bicentennial Appraisal **881**, 18. **886**, 90.
Holloway Plan--Summary View and Commentary. J.L. Holloway, Jr. **537**, 1293.
Hollowell, Sir Benjamin: See: Carew, Sir Benjamin H.
Holly, D.C. **611**, 89.
All for Purpose of Marking Time **601**, 303.
ROK Navy **597**, 1219. **600**, 205. **608**, 1134.
Holly, H.H. **538**, 1503. **598**, 1370. **636**, 201. **665**, 106.
Apathy, Ignorance, and Economics **576**, 175.
Our Marine Industries at Crossroads **542**, 467.
Unchanging Sea **612**, 191.
Wherein Lies Our Strength? **545**, 837.
Holly, L.B. **381**, 1604.
Holm, Ed (photog): Combat Readiness Air Wing Training (Pict) **762**, 96.
Holm, K.C.: Famous Old Sailor (OldNav) **793**, 149.
Holme, T.T., Jr.: Soviet Submarine Threat--Past, Present, and Future **822**, 60.
Holmes, B.M.: Buoys Will Be Buoys (Mead) (C&D) **850**, 93.
Holmes, D.C.: NAVSTAR Global Positioning System: Navigation for the Future (ProfNote) **890**, 101. **894**, 63. **898**, 82.
Holmes, R.: USS Mayflower, President's Yacht **537**, 1347.
Holmes, R.A., III
Modern Spelling (anec) **788**, 88.
Sure! Sure! (anec) **611**, 51.
Holmes, Urban T.: Problem of Engineers **106**, 369.
Holmes, W.J. **319**, 802. **333**, 1025. **606**, 897.
See also: Hudson, A. (pen name).
Foundation of Naval Policy **374**, 457. **378**, 1138.
Japanese Sources on the L-16 Incident (C&D) **777**, 111.
Naval Research **396**, 178.
Tactical Horsepower of Submarines **346**, 1616.
Holmes, W.T.: Career Officer as Existential Hero (Deininger) (C&D) **818**, 91.
Holmquist, C.O.
and R.S. Greenbaum: Development of Nuclear Propulsion in the Navy **691**, 65.
and R.S. Greenbaum: Navy's "In-House" Research Laboratories **708**, 68.
Developments and Problems in Carrier-Based Fighter Aircraft (NavRev) **807**, 224. **812**, 86.
Long-Range Weather Prediction **849**, 45.
Naval Research--the Brain Game **859**, 44.
The T-3 Incident **835**, 44.
Holt, J.B.: Pollution Abatement--We Do Our Part **847**, 68.
Holt, L.J.
Doctrine of Incremental Reduction **743**, 62.
SWATH **865**, 26.
Holt, Lamar
MSTS Moves U.S. NATO Forces from France (ProfNote) **776**, 128.
Navy's Special Project Ships (ProfNote) **714**, 130.
Once a Marine, Always a Marine (anec) **793**, 57.
Holthaus, H.L.
Another Problem in Resource Allocation--The Radio Frequency Spectrum Shortage (Boyes & Frisbie) (C&D) **878**, 88.
Command Control, Changeless--Yet Changing (Poe) (C&D) **871**, 80.
The Last Triple-Expander (Kraft) (C&D) **895**, 87.
A Time for Victories (Culver) (C&D) **895**, 87.
Holtmann, O.H.: Hurricane in Puerto Rico **360**, 199, 306.
Holtwick, J.S., Jr.: Fitness Reports and Selection **401**, 964.
Holtz, R.S.: ASW--Are We Missing the Boat? (C&D) **766**, 135.
Holubowicz, R.P.
Cargo Ship Design **770**, 73. **773**, 110. **776**, 98.
New Approach to Cargo Handling Problems **602**, 421.
The Other Revolution **812**, 42.
Transmodalism **780**, 64. **783**, 106. **785**, 97, 100.
Holy Loch, Scotland: Polaris Site One, Holy Loch (ProfNote). J.F. Heald **779**, 124.
Holystone: Origin **311**, 12.
Holzapfel, M.: The Corrosion and Fouling of Ships: Anti-fouling Composition **52**, 169.
Homelands, The Vulnerable: P.H. Backus **814**, 18. **830**, 103.
Homer: Gun, Sidney. Earliest Exponent of Seapower **183**, 1031.
Homeric (SS) **354**, 1229.
Homer Lea--Interloper on History. J.C. Kimball **830**, 61.
Homes
Cooperative Housing and Service Investments. W.J. Catlett, Jr. **397**, 357. **400**, 865.
Enlisted Men's Families. T.P. Riddle **431**, 83.
Eventually, A House. K.C. McIntosh **563**, 39. **584**, 1105.
Keep Out of Government Quarters. J.W. Stryker **569**, 767. **579**, 539.
Navy Homebuilding and Financial Cooperative. C.M. Hatcher **440**, 1465.
Navy Housing Association. A.B.

Homes (Cont.)
Vosseller **366**, 1116.
So You Have to Buy a House! H.F. Crouch **535**, 1077.
You Can Own Your Home in Navy! A.C. Burrows **403**, 1255. **407**, 100. **411**, 712.
Your Legal Rights and Obligations--Purchasing Home. R.C. Benitez **585**, 1183. **593**, 793.
Homestead Steel Works, The. W. Richards and J.A. Potter **50**, 431.
Honda Point Disaster: See: Course Zero Nine Five.
Honduras **254**, 682. **255**, 868. **257**, 1211. **268**, 1096. **340**, 842.
Hone, T.C.: The Destruction of the Battle Line at Pearl Harbor **898**, 49. **901**, 123. **904**, 95. **919**, 87.
Honeycutt, A.J.: What's in a Name? (anec) **768**, 71.
Hong Kong
Communism and Colonialism in Collision. R.D. Heinl, Jr. **761**, 72. **766**, 134.
Strength and Weakness in Asian Littoral. P.B. Brannen **670**, 68.
Honhart, D.C.: Petty Officer Criterion: Professional Competence (C&D) **842**, 94.
Honi Heke's War. E.B. McClellan **270**, 1459.
Honolulu (U.S.): From Shakedown to Showdown. F.M. Curran **438**, 1141.
Honored in War, Honored in Peace. F.J. Nelson **520**, 833.
Honors Rendered--And Returned (C&D) **804**, 99.
Honsinger, V.C.: YD-171--Hercules of the United States Navy **646**, 1289.
Hood, E.M.
Can We Modernize U.S. Shipbuilding? (C&D) **759**, 122.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **748**, 116.
To Build a Better Ship on Time (C&D) **765**, 129.
Hood, John
Damage to Cezarevitch by the Japanese **127**, 1047.
Desertion from the Navy; Facts: Discussion of Causes and Remedial Measures **114**, 367.
Draft of a bill increasing commissioned personnel of the line of the Navy, establishing an...engineering branch... **115**, 565.
Monroe Doctrine: its meaning and application at the present day **131**, 657.
Naval Administration and Organization. Prize Essay for 1901: **97**, 1.
Naval Policy as it relates to the shore establishment, and the maintenance of the fleet **150**, 319.
On training ships **102**, 283.
Organization of the fleet; administrative, tactical, for war **135**, 825.
The Pacific Submarine Cable **95**, 477.
Remarks called forth by the essay of J.A. Mudd (on reorganization) **130**, 385.
School of the Officer **102**, 195.
Some remarks on administration of justice in the U.S. Navy **111**, 589.
Telegraph Cables in Time of War (Tr.) **96**, 663.
Hood (Eng.) **204**, 265. **208**, 925, 932. **235**, 1783. **271**, 1703. **277**, 503. **342**, 1109. **350**, 614. **352**, 925. **353**, 1071. **354**, 1220. **358**, 1825, 1827. **386**, 576. **387**, 728. **388**, 876. **462**, 1173. **852**, 89.
Hoogenboom, Ari: Captain Fox--He Is the Navy Department (C&D) **758**, 134.
Hoogerwerff, J.A. **275**, 191.
Hook, Thom: Daughter of the Stars (Vaeth) (C&D) **850**, 84.
Hooper, E.B.: Commentary on Gorshkov article (Part 3) **853**, 62.
Hooper, S.C.
Communication Systems of World **360**, 246, 306.
Navy and Its Communications **320**, 847.
Present Radio Situation Influence on Tactics and Strategy **210**, 1209.
Under Which Government Department Do Shore Stations Belong? **229**, 365.
Hoover, H.C. (Pres. of U.S.) **279**, 1000. **311**, 75. **312**, 163. **317**, 646. **319**, 804. **323**, 56, 77. **328**, 565. **332**, 925. **335**, 129. **342**, 1128. **343**, 1282. **344**, 1429. **346**, 1706.
Hoover, J.S. **668**, 106.
Hoover, W.D.: The Disadvantaged Navy Woman (ProfNote) **893**, 118. **897**, 77.
Hope, James: Duel with midshipman J. Prembroke Jones **132**, 1197. **133**, 265.
Hope (U.S.): Health Ship Hope Arrives Back Home (Nbk) **768**, 155.
Höpker, Wolfgang
Book Review **876**, 86.
Soviet Global Strategy: The Great Challenge to the West at Sea **874**, 24.
Hopkins, E. **409**, 349.
Cruise for Gunpowder. C.C. Hanks **433**, 324.
Hopkins, F.W.: Security of Panama Transit in War **553**, 321.
Hopkins, H.O. **649**, 325. **652**, 662.
Hopkins, H.V. **347**, 109. **385**, 401. **419**, 106.
Altitude by Martelli's Tables **366**, 1171. **370**, 1776.
H.O. 9: **399**, 677. **404**, 1473.
New Uses for Martelli's Tables **375**, 651.
Hopkins, J.W.: Digging Out Buried Talent in the Navy **687**, 67.
Hopkins, W.C.: [Chapman's] Book Review of Soviet Naval Strategy (Herrick) (C&D) **792**, 114.
Hopkins (USS)
Changing of the Propellers of USS Hopkins at the Naval Station, Key West, Fla., (illus) **122**, 721.
"...Going, Going, Gone!" (C&D) **850**, 88.
Hopkinson, B.: Efficiency of the Gas Engine **124**, 1541.
Hopley, E.E.
Convoys: No Second Chance? (Blair) (C&D) **860**, 94.
Holloway Plan 17 Years After (ProfNote) **738**, 151.
Hopper, B.G.: Soviet 5-year Plan **327**, 465.
Horan, H.E.
Operation Archery **698**, 70.
Sinking the Haguro **683**, 39.
Horan, L.F.S.
Commissaries Are for Families Only (anec) **537**, 1374.
Flogging in United States Navy **571**, 969.
Naval Courts-Martial and Their Oaths to Witnesses **423**, 704, 733.
Naval Surgeon Pioneer **555**, 573.
Practice in Navigation (anec) **613**, 301.
Horgan, T.P. **618**, 927.
Hori, Motoyoshi: New Ships of Japan's Maritime Self-Defense Force (ProfNote) **771**, 148.
Horie, Y.: Japanese Convoy Escort, Failure of. **644**, 1073.
Horizometer: Fiske, B.A. **119**, 1043.
Horizon: See: Altitude and Azimuth.
Horka, A.: Merchant Marine Reserve Cruise of 1937: **425**, 975, 1037. **428**, 1492.
Horn, Ing F.: Experiments on Propellers Having Blades of Aerofoil Section **295**, 1011.
Horn, R. de S. **459**, 707. **469**, 408. **475**, 1306. **484**, 875. **502**, 1516. **523**, 1223. **527**, 81. **529**, 340. **535**, 1114. **536**, 1243. **543**, 635. **544**, 768. **550**, 1562. **561**, 1300. **563**, 97. **567**, 566. **569**, 799. **623**, 108. **681**, 115. **848**, 69, 71.
Citation for Outstanding Service to the Naval Institute **854**, 3.
Horne, D.M.: Farewell to "Spads" (C&D) **750**, 111.
Horne, F.J. **409**, 406. **476**, 1461.
Horner, J.S. **531**, 585.
Hornet (U.S.) **377**, 950.
See also: Cover Pictures--January 1959 and April 1958; Farenholt, A. **128**, 1279.
and Peacock (Brit.) **401**, 943.
Correction **425**, 1083.
Historic Ships of Navy. R.W. Neeser **456**, 218.
Hornet and Peacock Engagement: Drawing **175**, 2023.
Hornet Decommissioned (Nbk) **806**, 130.
Horowitz, C.L.: Mobile Riverine Force (Dodd) (C&D) **801**, 116.
Horrocks, J.N., Jr.: Art, Science, and Innocence Involved in Becoming Chief of Naval Operations **803**, 18. **808**, 104. **810**, 101.
Horsepower: Computation of. **208**, 961.
Horses: Navy Aided Development of Thoroughbred **663**, 112.
Horst, C.H.: Prestige on the Lower Deck (C&D) **750**, 110.
Horst Wessel (Ger.) **419**, 40.
Hosenoses, Stoofs, and Lefthanded Spads. G.G. O'Rourke **785**, 56. **788**, 102, 103, 109. **794**, 122.
Hosho (Jap.) **331**, 862. **363**, 779.
Hoskins, M.H.: Spanning the Leadership Gap: a Dual-Track Pay Scale (C&D) **857**, 103.
Hosmer, Craig
The New Geopolitics **846**, 18.
Nuclear Power for the Navy **663**, 57.
Hospital Corps **546**, 1065.
Hospitals
Modern Field Hospital. D. Williams **245**, 1141.
Origin and Development of Naval Medicine. W.L. Mann **319**, 773.
Origin of Sick Bay **311**, 13.
Ships **204**, 283. **341**, 868.
Hospital Ships
See also: Names of Ships.
British Naval Hospital Service **176**, 2303.
First British Hospital Ship, 1912: **142**, 763.
Fleet Hospital Ship. L.W. Johnson **415**, 1225. **419**, 97.
Function of Hospital Ship. H.K. Gray **517**, 367.
German outrages on hospital ships in the war **172**, 1321.
Haven Converted (Nbk) **802**, 156.
Hospital Ships for Vietnam Casualties (Nbk) **757**, 156.
Hospital ships in battle. See: Richards, T.W. **149**, 58.
Japanese Hospital Ships in 1905: **114**, 514.
Names in Poem **519**, 711.
Red Rover: First Hospital Ship of the U.S. Navy (OldNav). W.T. Adams **789**, 149.
Repose (USS) (AH-16): R.N. Edwards (Pict) **782**, 80.
Sanctuary Reactivated (Nbk) **759**, 160.
The Solace Report **173**, 1543.
Specially designed hospital ship for Indian Service **175**, 2051.
Thanks to Yellow Fever. E.A. Fay **598**, 1343.
U.S. Naval Hospital Ship, 1916, description **166**, 1981.
Value and Employment of Hospital Ships. L.H. Roddis **509**, 777.
Hostile Coexistence. G.B. Fink **770**, 66.

Hotchkiss and Hebler Rifles, Comparison of... M.K. Eyre **46**, 589.
Hotchkiss Ordnance Co., Catalogue of War Material (Rev) **68**, 519.
Hotel, Floating, From Fighting Ship to. A. Halsey, Jr. **481**, 383.
Hotes, J.L.
Invitation to Cocktails (anec) **679**, 45.
Too Much Paperwork **589**, 277.
"Hot Foot"
More "Hot Foot" Lore **650**, 445.
The Story of a Ship. J.C. Carrothers **636**, 171. **644**, 1104, 1105, 1106.
H.O. 211: Goodbye, Admiral Ageton (C&D) **844**, 93. **849**, 98.
Hough, F.O. **615**, 581.
Houpt, C.T. **509**, 840. **515**, 85. **519**, 713.
Graduation Exercises at Naval Academy, 1854-1914: **514**, 1427. **520**, 837.
Reprint: **518**, 131.
Housatonic (U.S.) **455**, 39.
House, D.F.: Let's Hear it for the Ship's Dentist (anec) **868**, 39.
Houser, W.D. (BkRev) **884**, 105.
Housing
Government Home for Healthy Retireds? **675**, 105.
Housing Government Agencies: "Dies Irae." J.L. Seligman **402**, 1136.
Should There Be a Home for Healthy Retireds? **665**, 111. **668**, 106.
Houston, S. **403**, 1305.
Houston (USS) **321**, 985. **330**, 752. **337**, 399. **344**, 1416. **365**, 1063. **366**, 1216.
Courage Mounteth with Occasion. W.G. Winslow **582**, 818.
Galloping Ghost. W.G. Winslow **552**, 155. **556**, 709.
Hout, A.P.
Lincoln and the Sweatbow (anec) **728**, 91.
The Rappahannock Packet (anec) **728**, 41.
Hovercraft
Air-Cushion Vehicle Comes of Age (ProfNote). John Fricker **751**, 139.
Hovercraft Channel Crossing Bumpy (Nbk) **790**, 159.
Patrol Guerrilla Motor Boats. John Harllee **734**, 70. **737**, 107. **741**, 111.
Surface Effect Ships. M.J. Hanley, Jr. **765**, 34. **769**, 110.
Hoverport, Britain to Get Third (Nbk) **791**, 150.
Hovey-King, A.: On the Modern Mess **120**, 1563.
Hovgaard, W. **374**, 545.
Airships for Naval Service **397**, 362.
Armament and Protection of Cruisers **322**, 1082.
Is War Inevitable? **416**, 1423.
Naval Strategy in a War Between England and Germany, 1911: **137**, 101.
Some Strategical Sketches **168**, 233.
Strategic Situation in Baltic **391**, 1281.
How, A.B.: Coast Guard Approaching the Century's End (NavRev) **855**, 90. **859**, 99. **860**, 88, 89. **865**, 78.
Howard, B.G. **705**, 117.
Howard, C.W.: Development of Military Airplanes **337**, 410.
Howard, D.G. **446**, 572. **465**, 1618. **473**, 1008.
Howard, H.S. **270**, 1496. **273**, 2165. **307**, 779. **321**, 975. **326**, 364.
Light Cruisers **283**, 1733.
What Naval Building Program Means to Design **308**, 879.
Howard, Henry (artist): Cuthbert, First Baron Collingwood--June 1969 Cover.
Howard, J.L.
Born Too Late (anec) **728**, 81.
Navy and National Security **581**, 749.
Seabee Supply Was Big Business **527**, 41.
Staging Is No Holiday Frolic **554**, 395.
Howard, J.M., III: Operation Deep Channel **822**, 39.
Howard, L.: Man Who Named Clouds **290**, 489.
Howard, Maynard L.: "Tattoo" (anec) **633**, 1203.
Howard, S.T.
Love Me, Love My Dog (anec) **725**, 47.
No Special Privileges (anec) **689**, 120.
Howard, Stephen: On Target (anec) **886**, 29.
Howard, W.S. **535**, 1107. **536**, 1240. **547**, 1160. **555**, 589. **583**, 992.
Dragon Puts to Sea **582**, 831.
Faith, Hope, and S-3 (anec) **578**, 391.
Japanese Destroyers in World War II: **587**, 51.
Japan's Heavy Cruisers in War **567**, 533.
Kongos in World War II: **549**, 1401.
Life on By-Passed Atoll **583**, 943.
Mogamis: Cheat Cruiser Extraordinary **561**, 1229.
Warfare Under Capstan (anec) **591**, 543.
Howe, Alfred G.
Plea and proposed plan for simplification of summary courts martial **125**, 253.
Stowage of larger calibers of fixed ammunition **105**, 217.
Howe, C.M.: Flexible Family Financing (Bowers) (C&D) **845**, 95.
Howe, F.N.
Communications Problem (anec) **679**, 53.
Likely Liberty (anec) **651**, 497.
Howe, H.C.: Thoughts of Merchant Marine Reservist **442**, 1737. **446**, 567.
Howe, H.E.: Monitor in War Today **482**, 524.
Howe, J.T. **779**, 105, 106, 107, 108.
Meaning of Service **743**, 76. **747**, 115, 116.
Polaris Duty, Pinnacle or Predicament? **774**, 26. **777**, 108, 109.
Potential of PULHES **681**, 52.
Soviet Beachhead in the Third World **788**, 60.
Time of Decision **707**, 36. **714**, 107, 108.
Whiz Kids of Our Own (C&D) **738**, 120, 121.
Howe, R.H. **384**, 161. **431**, 77.
Howe, Richard Lord: Signals of Lord How. Origins of Our Signal Book: Ralph Earle **143**, 1037.
Howe, W.B.
America's Economic Dependence on Foreign Trade **284**, 1927.
Navy Day **272**, 1825.
Why U.S. Asks Naval Equality **296**, 1056.
Why U.S. Should Maintain a Full-Strength Treaty Navy **332**, 919.
Howe and D'Estaing: a Study in Coast Defense. C.F. Goodrich **79**, 577.
Howell, G.F.
Army-Navy Game or No Rules of Road **428**, 1435.
Ascent of Min **435**, 709.
Battle of Wanhsien **291**, 527.
Captain Plant **313**, 206.
Chungking to Ichang **427**, 1312.
Hwang Tsao **426**, 1151.
Lost Strayed, or Stolen - Four Gunboats **326**, 281.
Mongol Armada **414**, 1147. **418**, 1778.
Neptunus Rex **286**, 2485.
Operations on Yangtse River **302**, 273.
Opium Obbligato **430**, 1729.
Our Brief Clash with Korea **393**, 1624.
Picnic With Cushing **402**, 1098.
Substitute for Zimmy **591**, 497.
Howell, J.B.: Latest Development in Condensing Systems **140**, 1389.
Howell, J.C.M. **684**, 101.
Benefits of Old Age (anec) **681**, 69.
Howell, J.S.: Escort Ship--Challenge to the Shiphandler (C&D) **774**, 107.
Howell Torpedo
Gleaves, A. **73**, 125.
Howell Automatic Torpedo. E.W. Very **54**, 333.
How Ended Gallant Wasp? C.C. Hanks **358**, 1737.
Howey, R.E.: Forgotten Administrative Department (C&D) **740**, 101.
Howitzer, Trial of a Sectional 6.5-cm. Mountain. C.E. Munroe, Tr. **15**, 84.
Howland, F. **366**, 1192. **565**, 327. **579**, 542.
Blockade of Tripoli 1801-1802: **418**, 1702.
Eaton's Blockade of Tripoli **354**, 1186.
Naval Officer as Teacher **455**, 9.
Present Meaning of Monroe Doctrine **456**, 194.
Sea Power and Central Asia **448**, 779.
Xenophon's Ideas of Leadership **421**, 329.
Howland, J.R.
Flow **472**, 835.
This New FM **468**, 187.
How may Sphere of Usefulness of Naval Officers be Extended... Prize Essay, 1883: (Disc) **29**, 241.
How Navy Brought Santa Claus to France. W.P. Folk **346**, 1664.
How Peace. T.L. Gatch **331**, 820.
How Riou Saved HMS Guardian (OldNav). H.P. Martin **773**, 158.
How to Write a Scientific Article. C.A. Smith **245**, 1123.
How Young We Were. P.B. Ryan **790**, 26. C&D: **795**, 108.
Hoyler, H.M.
Caveat: Manual for Courts-Martial **683**, 58. **689**, 98.
Development of Military Law--Your Job and Mine **700**, 29.
Hoyt, J.B. **630**, 934.
Ho Yuh Heng: Good Neighbor (anec) **630**, 895.
Huan, C.
French Submarine Force **756**, 42.
Soviet Union and Its Submarine Forces **653**, 734. **657**, 1237.
Huang, T.S., Jr.: Almost Maximum Firing Range! (anec) **662**, 59.
Huascar (Peru) **347**, 18. **352**, 903.
See also: Jimenez, Alberto. Latin American Naval Lessons.
Details Concerning Her Capture... **13**, 295.
Official Report of Engagement with Chilian Fleet. C.R.P. Rodgers, Tr. **10**, 563.
Hubbard, Douglass: I Am Growing Older... (Commodore's Prayer) (C&D) **866**, 78.
Hubbard, J.C.
Aviation and Control of Sea **395**, 33.
Changes in International Behavior **429**, 1607.
Future Uses of Submarines **406**, 1721.
Hubbard, M.H.: Design of Naval Weapons **752**, 38. **756**, 107.
Hubbard, R.C.: Command Personality (Potter) (C&D) **796**, 99.
Hubbard, R.G.: Destroyer Command: Critical ASW Subsystem (C&D) **741**, 110.
Hubbs, H.N. **607**, 1019.
Hubler, R.G.: Limeade on Guadalcanal **502**, 1501.
Hudson, A.: On Your Marks **604**, 597.
Hudson, H.B.: No Car (anec) **557**, 803.
Hudson-Fulton Celebration: Wright's Flight **373**, 313.
Hudson River Reserve Fleet Being Phased Out (Nbk) **813**, 106.
Hudson (U.S.): Research Catamaran (T-AGOR-16) (ProfNote). J.C. Froid **790**, 132.

Huff, K.P. **786**, 106.
Huffman, L.J.
Conning the Computer (Mehmel) (C&D) **876**, 81.
The Navy Gets Bad Press (Buckley) (C&D) **887**, 87.
Huffman, M.L.
Any Excuse for a Swim (anec) **782**, 79.
Crack Cockroach Control (anec) **798**, 41.
He Could Tolerate the Birds (anec) **805**, 104.
A Ship Is Always a Lady (anec) **784**, 94.
Hufty, M.A. **357**, 1655.
Hughes, C.E. **241**, 521. **265**, 508. **280**, 1200. **307**, 807. **308**, 928. **309**, 1022.
Hughes, Charles F.: I Think of Him (OldNav). C.D. Wilbur **854**, 92.
Hughes, D.R.: Contingency Planning, A New Perspective **789**, 26.
Hughes, E. **421**, 320.
Hughes, E.C.: The E-8/E-9 Selection Process (ProfNote) **755**, 136.
Hughes, Guy D'O.: British Submarine Commander Hughes' Heroism **160**, 2148.
Hughes, H.: Saga of YMS **539**, 53.
Hughes, J.J. **353**, 1050. **383**, 101.
and Tanner, W.E.: Naval Radio in Africa **397**, 373.
U.S.N.A. **286**, 2500.
Hughes, Nelson: Sighted Enemy Submarine (anec) **677**, 42.
Hughes, W.P., Jr. **651**, 554. **717**, 114. **722**, 114.
Be Sure Your Cigarette Is Out (anec) **653**, 761.
Book Review **787**, 121.
Professionalism and Writing (Brezina) (C&D) **815**, 84.
Speed Characteristics of Treaty Cruisers **600**, 183. **603**, 559. **611**, 89.
Split-Level Bridge **711**, 69. **717**, 114.
Vietnam: Winnable War? **893**, 60. **896**, 65. **897**, 84. **899**, 23. **902**, 80.
Hughes, W.R.
Bum Steer **571**, 1007.
By Rocket's Red Glare: Inyokern **561**, 1207.
Gee Whiz, G-Force **555**, 561.
Hazards of Navigation (anec) **570**, 889.
Keep Moving (anec) **575**, 19.
Navigator's Lesson (anec) **572**, 1072.
Navy's Colossal Crane **558**, 891.
Shape of Tomorrow's Torpedo **560**, 1145.
Hughes, Wayne, Jr.
Missiles and Missions **742**, 38.
New Directions in Naval Academy Education **687**, 37.
Our Precarious Force Balance (Winnefeld) (C&D) **808**, 105.
Hulbert, H.S. **405**, 1630. **406**, 1778. **421**, 405. **449**, 1017. **490**, 1609. **495**, 569. **524**, 1346. **536**, 1246. **549**, 1433.
Compulsory Citizenship Training **171**, 985.
Hull, G.D.: New Destroyers **338**, 464.
Hull, I. **361**, 347. **379**, 1206. **595**, 1023. **680**, 103.
See also: Cover Pictures--August 1962; Linda McKee: Constitution vs. Guerriere.
Miniature **427**, 1389.
Paullin, C.O.: Naval Administration Under the Commissioners, 1815-1842. (Ports) **122**, 597.
Hull, J.: Trousers Torn **343**, 1194.
Hull, W. **379**, 1202.
Hull (USS) **346**, 1715. **350**, 611.
Hullfish, W.S. **475**, 1303.
Hull-Scrapers: See: Fouling.
Hulls of Vessels. Protection by Lacquer. J.B. Murdock **55**, 457.
Hultman, E.G., Jr.: OSVs: End of an Era (O'Connor) (C&D) **852**, 89.
Human Contacts. J.M. Sheehan **430**, 1736.
Human Factor in War. R.E. Krause **390**, 1065.
Human Resources Management: Internal Guidance in the Bundeswehr (ProfNote). E.H. Lorenz **869**, 100.
Humayta (Braz. sub) **331**, 858.
Humbert, J.J.A.: Expedition to Ireland, 1798: Conquest of Territory Overseas. R. Daveluy **127**, 984.
Hume, D.C.: Cinderella Carriers (Evans) (C&D) **887**, 81.
Hume, E.E. **414**, 1174.
Hummel, P.M.: Determining Drift by Timing and Bearing **526**, 1586.
Hump
Beyond the Hump. E.R. Zumwalt, Jr. **677**, 59. **679**, 102. **681**, 103.
Inside the Hump. J.A. Chastain **677**, 48. **679**, 102. **681**, 103.
Lessons Learned from the Hump. A.E. Jarrell **690**, 79.
Humphreys, L.A., and Janet Colson: Guide to Reading on Vietnam **774**, 113.
Humphreys, S.P. **414**, 1153.
Hungary **254**, 681. **277**, 571. **302**, 330. **330**, 772.
Archduke Joseph's coup d'etat, 1919: **199**, 1657. **200**, 1815.
What Is Left of Hungary after the War **195**, 856.
What Went Wrong in Hungary? J. Gellner **652**, 591.
Hunley, W.H. and R.A. Jones: Hands Beneath the Sea (ProfNote) **796**, 126.
Hunley (Confed.) **455**, 44. **471**, 665.
Confederate Submarines (OldNav). George Hagerman **895**, 74.
Illustration **176**, 2275.
Log of the C.S. Submarine. W.E. Beard **165**, 1545.
Hunley (U.S.): See: New Navy.
Hunnewell, F.A.: See: Adams, R.B.
Hunsaker, J.C.
Aerodynamics **224**, 1519.
Aeroplane Design **154**, 1715.
The Navy's First Airships (illus.) **198**, 1347.
Theory of Similitude of Aerial Propellers **155**, 107.
Hunsaker, J.C., Tr.: Lapointe, E.: Aviation in the Navy **142**, 627.
Hunt, A.R.: He Kept Right on Going (anec) **567**, 525.
Hunt, Gaillard: Statutory History of Naturalization in U.S. **109**, 137.
Hunt, Harrison, J.: Photograph **178**, 2806.
Hunt, L.
Bainbridge Under Turkish Flag **280**, 1147.
The Founder of the New Navy--William H. Hunt **113**, 173.
How to Make a Naval Appropriation **143**, 907.
Macdonough, Thomas--A Forgotten Commodore **345**, 1485.
Mutiny on U.S. Somers **273**, 2062.
Ridgely's (Commo.) Account of Last of Somers **304**, 486.
Suppressed Mutiny on the Essex **369**, 1547, 1673. **374**, 548. **387**, 706.
Tragedy of Admiral Byng **303**, 361.
Trial of Lieutenant Ridgely for Murder **333**, 985.
Hunt, M.R.: New Definition for "Binnacle List" (anec) **559**, 1003.
Hunt, R.C.D. **659**, 95.
Alexander Hamilton and the Regular Naval Establishment (OldNav). **653**, 806.
Boats of Japanese Landing Force **477**, 1528.
Bougainville **489**, 1449.
Hail to Amphibian--Implementer of Victory **517**, 373.
La France Australe **490**, 1573.
Task Before Us **484**, 855.
Typhoons in North Pacific **519**, 657.
Hunt, R.F.: From Cockpit to Conn **818**, 48.
Hunt, Ridgely
Alma Mater **127**, 755.
Another View of Alma Mater **132**, 1263.
Education at the U.S. Naval Academy **163**, 701.
Naval Might **141**, 7.
Hunt, William H.: Hunt, Livingston--The Founder of the New Navy **113**, 173.
Hunter, A. **256**, 876.
Alvarado Hunter. C.F. Goodrich **181**, 495.
Hunter, Blaine: Signal Understood (anec) **835**, 67.
Hunter, C. **235**, 1661.
Hunter, E.J., and C.B. Million: Women in a Changing Military **893**, 50.
Hunter, G.P. **539**, 85.
Hunter, H.O.
Base for Scouting Fleet **294**, 843.
Practical Test of Radio Compass Shore Station **217**, 363.
Hunter, R.A.: Let's Try to Retain the Forgotten Men (C&D) **806**, 98. **814**, 82.
Hunter, R.W.: Below-the-Zone Selection (ProfNote) **827**, 104. **833**, 102.
Hunter, T.L.: From Columns from the Cavalier (anec) **719**, 31.
Hunter, W.J.: United States Navy for the Future (Smith) (C&D) **827**, 94.
Hunter, W.W.: Letter to Secretary of the Navy **32**, 147.
Hunters' Point Drydock: See: Old Navy.
Huntington, F.B.: Constitution's Dinner Set **341**, 996.
Huntington, S.P. **671**, 120.
National Policy and Transoceanic Navy **615**, 483.
To Choose Peace or War **650**, 359.
Huntington (U.S.): See: Pete Mitscher and Armored Cruiser Aviation.
Huntoon, F.C.: Why Not Progressive Training? **434**, 555.
Huntscliffe (Brit. SS) **412**, 810.
Huppuch, M.C.: Naval District's Recreation Program **505**, 299.
Hura, Myron: Graduate Education--Continuing Imperative (Freeman) (C&D) **850**, 87.
Hurd, A.
Effect of Jutland on British Strategy **168**, 407.
Review of Battle of Jutland **164**, 1329.
Sea Power **340**, 821.
Hurd, C.W. **858**, 72.
Hureau, Paul: Are Coast Guard Small Boats Small Enough? (ProfNote) **880**, 96. **886**, 89.
Hurlburt, J.S.
Communications and Command Prerogative (Marshall) (C&D) **857**, 96.
Navies in War and in Peace (Gorshkov) Part 1: **856**, 94. Part 2: **856**, 94.
Hurlbut, J.W. **478**, 1814.
Hurley, Edward N.
Official Plan for Merchant Marine **195**, 823.
What the Shipping Board Has Done **184**, 1313.
Huron (U.S.) **457**, 453.
October; All Over. J.M. Ellicott **466**, 1743.
Hurricane of 1818, USS Macedonian and the (OldNav). L.D. Saegesser **803**, 88.
Hurricane Hunters, U.S. Navy's. W.D. Toole, Jr. **691**, 48.
Hurricanes and Typhoons
Those Capricious Ladies (ProfNote). M.L. Duke **813**, 97.
Typhoon December 1944 (OldNav). R.J. Toner **886**, 68.
Hurst, A.M.
Example of Voice Procedure (anec) **574**, 1343.

Keeping Another Woman? (anec) **575**, 55.
Not Doing Thing! (anec) **586**, 1325.
Hurst, B.S.: One Hundred Years Ago **429**, 1624.
Hurst, R.E. **647**, 90.
Hurricane Hunting **594**, 877.
Hurt, D.A., Jr.: SADKAS: A New Concept in Salvage (ProfNote) **783**, 132.
Huse, Harry P.
Absence Over Leave **140**, 1404.
Logistics—Its Influence Upon the Conduct of War... **168**, 245.
Question of Naval Engineers **104**, 911.
Huse, J.O. **450**, 1169.
Diesel-Driven Surface Craft **381**, 1564. **385**, 401. **391**, 1306.
Husen, W.: German Naval Mutiny, 1918: **377**, 934.
Hushing, W.C. **576**, 205.
Huson, John, and J.G. Vaeth **712**, 113.
Hussein of Hedjaz **262**, 2137.
Hussey, C.L.
Role of Doctrine in Naval Warfare **156**, 359.
Systematic Training of Enlisted Personnel **105**, 59.
Hussey, G.F., Jr. **616**, 691.
Hussey, J.A.: Commander John B. Montgomery and Bear Flag Revolt **437**, 973.
Hussmann, H.L.: Inactivation of the Randolph: As Gentle a Hardship as Possible... **801**, 38. **806**, 94. **810**, 105.
Husted, H.G. **670**, 123. **678**, 103.
Huston, W.G.: NAVSTAR Global Positioning System: Navigation for the Future (Holmes) (C&D) **898**, 82.
Hutcheson, R.G., Jr.: Religious Pluralism and Navy Chaplains (ProfNote) **828**, 116.
Hutchings, C.H.: Tables of Computed Star Altitudes and True Azimuths **475**, 1279, 1303. **478**, 1760.
Hutchins, C.T.
Infantry-fire Tactics... **43**, 547.
The Naval Brigade: Its Organization... Prize Essay, 1887: **42**, 303.
Why This Chaos in China? **290**, 421. **294**, 873.
Hutchins, Hamilton: Ignition of Explosive Mixture of Gases by Broken Incandescent Lamps **45**, 419.
Hutchinson, C.K.: The Eyes of the Fleet (Guarino) (C&D) **894**, 68.
Hutchinson, G.: Murder **333**, 985.
Hutchinson, H.B.
One Way Is Through Alaska **491**, 1.
The Overfall: An Aleutian Phenomenon (ProfNote) **857**, 110.
Tempest and Storm in Ultima Thule **413**, 993.
Weather Man Looks at Air Transport **497**, 887.
Hutchinson, P.A.: Suspicion Confirmed (anec) **839**, 64.
Hutchinson, Woods: The Reason We Drown **128**, 1351.
Hutt, J.B.: Foreign Geographic Names on Mariner's Chart **515**, 39.
Hutton, P.C., III: Guidelines for Clear and Forceful Writing (C&D) **835**, 98.
Hyacinth (HMS): Landing Party Fired on at Debai, 1911: **137**, 303.
Hyatt, D. **367**, 1339. **394**, 1859. **401**, 1039. **402**, 1181. **406**, 1778. **448**, 872. **449**, 1024. **477**, 1613.
Celestial Co-ordinators **480**, 237.
Direction, Course, and Bearing **478**, 1710, 1759.
Promotion by Professional Examination **419**, 37. **423**, 736.
Hyatt, J.K. **383**, 105.
Hyde, B.D. **562**, 1413.
Hyde, Charles C.: Attacks on Unarmed Enemy Merchant Vessels **182**, 811.
Hyde, D.C.: Expert Radar Forecasting **678**, 55.
Hyde, M.D. **217**, 393.
Hyder Ally (U.S.) and General Monk (Br.) **432**, 231.
Hydraulic Drive for Ships **261**, 1902.
Hydraulic Pressure, Forging by. **69**, 207.
Hydrofoils
The Challenge of the Semi-Foil Ship (ProfNote). Allen Jones, Jr. **896**, 89.
Employment Plan for U.S. Navy PHMs (ProfNote). R.P. Rempt **880**, 93. **884**, 94.
Expressan, Largest Hydrofoil Delivered (Nbk) **792**, 159.
Great Britain: Hydrofoil Service Spans Channel (Nbk) **737**, 150.
Hydrofoil Craft and GEMS (Nbk) **723**, 164.
Hydrofoils Being Studied For Carrier Escort Role (Nbk) **803**, 138.
Hydrofoil Gunboat Ordered by U.S. Navy (Nbk) **763**, 154.
Hydrofoil Home for the V/STOL Jet (ProfNote). J.K. Clifford **850**, 110. **856**, 90.
Hydrofoil Service Starting (Nbk) **732**, 152.
Hydrofoil Systems **887**, 103.
Naval Use of Hydrofoil Craft. J.J. Stilwell and W.R. Porter **720**, 60.
Navy To Begin Tests of 300-ton Hydrofoil (Nbk) **805**, 130.
Patrol Guerrilla Motor Boats. John Harllee **734**, 70. **737**, 107. **741**, 111.
Pegasus (PHM-1): The Patrol Hydrofoil Ship (ProfNote). E.H. Ashburn **887**, 101.
Requiem for the PHM Program (ProfNote). J.P. Kelly **894**, 79.
Russian Hydrofoil Tested (Nbk) **781**, 147.
Spain to Use Hydrofoil (Nbk) **761**, 165.
Trial Hydrofoil Accepted by U.S. (Nbk) **729**, 147.
Two Birds in the Hand. K.M. Duff **799**, 60. **805**, 90. **809**, 109.
United States
Denison to Point Mugu (Nbk) **753**, 153.
Fresh-1 Accepted by Navy (Nbk) **743**, 137.
Grumman to Charter Denison (Nbk) **745**, 142.
Hydrofoil Craft Tested (Nbk) **726**, 143.
Hydrofoil Delivered to Marines (Nbk) **744**, 156.
Little Squirt (Nbk) **725**, 164.
New Hydrofoil Ship Dolphin (Nbk) **746**, 146.
Questions About the Large Hydrofoils (ProfNote). Don Groves **715**, 128.
U.S. Finds "Bugs" in Hydrofoil Ship (Nbk) **725**, 150.
Hydrogen
Helium and, for airship inflation **337**, 410.
Japan Develops Less Explosive **346**, 1720.
Hydrographic Bureau, International
Nichols, C.L. **581**, 717.
Rude, G.T. **490**, 1541.
Hydrographic Engineering: Death of a Profession? H.D. Nygren **833**, 38.
Hydrographic Office **359**, 94. **360**, 286. **371**, 121.
Bryan, G.S. **525**, 1395.
Division of Marine Meteorology. W.H. Beehler **67**, 267.
Hydro and the Future (ProfNote). H.G. Munson **681**, 129.
Hydro Charts War. R.O. Glover **527**, 27.
Leahy, L.R. **404**, 1469.
Hydrographic Survey: Whiting Surveys Severn River (Nbk) **754**, 160.
Hydrographic Survey Ships
Great Britain: New British Ocean Survey Ships (ProfNote). C.J.C. Wynne-Edwards **766**, 156.
New USC&GS Hydrographic Survey Ship McArthur (Nbk) **768**, 154.
Hydrographic Survey Vessel Becomes Classroom (Nbk) **794**, 158.
Hydrography
Admiralty Hydrography. Trevor Blore **712**, 73.
Bathymetric Navigation. P.M. Cohen **740**, 66.
British Admiralty Survey Reports, 1905: **119**, 1151. 1906: **123**, 1304. 1908: **131**, 968. 1909: **135**, 877.
Canadian Hydrographic Service (ProfNote). R.G. Eldridge **718**, 130.
England **334**, 1138.
Hydrography in the Royal Navy (C&D). Lawrence Phillips **804**, 95.
Hydrographic Office, U.S. **256**, 1021.
Crosley, W.S. **296**, 1072.
Kempff, C.S. and Roberts, F.H. **308**, 862.
Measurement of a base line for a hydrographic survey. F.A.L. Vossler. Sketches by L.M. Samuels **148**, 1511.
The Nautical Chart—It's What You Make It (ProfNote). S.E. Drummond, Jr. **806**, 116.
Navy Hydrography in Vietnam (ProfNote). A.E. Craig **786**, 136.
Needed: Shallow Thinking. C.C. Bates, George Tselepis, and Daniel Von Nieda **789**, 43.
North Sea Hydrographic Commission (ProfNote). A.D. Clift **781**, 133.
Oceanography **356**, 1514.
Signals for use in hydrographic surveying. A. Rush **144**, 1473.
Theory of Least Squares in Triangulation **160**, 2086.
U.S. Naval Surveys 1838-57: Early Voyages. C.O. Paullin **138**, 407.
Hydronic Radiations: Inner Space Navigation (ProfNote). P.V.H. Weems **750**, 140.
Hydrophones **69**, 205.
Hydrophones and Their Use **199**, 1637.
Walser's Hydrophone **194**, 640.
Hydroscope: Pino Hydroscope Tests **105**, 289.
Hydrostats: Soviet Hunts Fish in Diving Vessels (Nbk) **721**, 148.
Hygiene
Naval Museum of Hygiene **24**, 328.
The Laws of Hygiene (Disc.) **14**, 349.
Hylard Automatic Rifle **101**, 160.
Hyposcope: Description **141**, 371.
Hythe (Br. auxiliary): Sunk in Collision **160**, 2147.
Hyuga (HIJMS) **209**, 1119.

I

I-62 and I-63 (Jap.) **439**, 1382.
Ibn Saud (King) **279**, 1035.
Mission to Mecca: The Cruise of the Murphy. J.S. Keating **875**, 54.
Ibrahim, Shafic **643**, 969.
Ibuki (Jap. battleship)
Photo. (firing salvo) **135**, 926.
Trials **131**, 975. **132**, 1296.
Ice
Breaking Ice in Baltimore Harbor. D.E. Dismukes **258**, 1304. **261**, 1859.
Formation of Ice on Aircraft. V.O. Clapp **330**, 743.
Formation on Planes **303**, 413. **319**, 815. **339**, 692.
The Great Freeze, 1917-18 (OldNav). F.B. Thurber **709**, 152.
Henrickson Ice Warmer **327**, 455.
Icebergs **256**, 1002.
Automatic Ice Indicator **163**, 957.
Chronological and Geographical Distribution. W.T. Gray **80**, 743.
Echoes From Icebergs **148**, 1542.
Observations on ocean temperatures

Ice (Cont.)
Icebergs (Cont.)
Observations on ocean temperatures in vicinity of icebergs. C.W. Waidner and others. **148**, 1525.
Photographs of Two Huge Icebergs in the Transatlantic Steamship Lane **151**, 899.
Ice in the Bering Sea and Arctic Ocean. F.A. Zeusler **462**, 1102.
Ice Navigation. F. Schwatka **14**, 355.
Ice Seamanship. F. Luckel **239**, 91.
North Atlantic Ice Menace and the Coast Guard. E.H. Smith **315**, 393.
Patrol: Contributing Nations **354**, 1228.
Icebreakers
Coast Guard Gets Five Navy Icebreakers (Nbk) **752**, 142.
Finnish Icebreakers. Christian Landtman **792**, 73. **798**, 103, 104. **799**, 108.
Icebreaker Artika Under Construction (Nbk) **856**, 122.
New Canadian Icebreaking-Cable Ship (Nbk) **752**, 158.
Our Vulnerable Flank. C.W. Thomas **576**, 147.
Polar Icebreakers: in a Class by Themselves (ProfNote). N.C. Venzke **875**, 91. **885**, 79.
Russian Icebreakers
Aircraft as Icebreakers (Nbk) **739**, 159.
Atomic Icebreaker Lenin (Nbk) **737**, 149.
Icebreaker Lenin Five Years Old (Nbk) **741**, 152.
Russia Fights Another Cold War. R.L. Simons **619**, 959. **622**, 1393.
Sawing Through Ice (Nbk) **719**, 163.
Soviet Union Plans Two More Icebreakers (Nbk) **808**, 135.
Ships, Men, and Ice (Pict.) **612**, 199.
Sweden, New Icebreakers for. (SecNotes) **463**, 1363.
United States
Atomic Icebreaker Considered (Nbk) **720**, 156.
Coast Guard's Navy Icebreakers (ProfNote). G.R. Boling **779**, 134.
Icebreakers South. E.A. McDonald **702**, 58.
Our Icebreakers Are Not Good Enough. E.A. McDonald **756**, 60. **761**, 122. **764**, 128.
Icebreakers and Icebreaking
Across the Top. V.F. Keith **810**, 60.
The Alexbow Ice Plow (ProfNote). Gerald Waring **789**, 141.
The Glacier in Antarctica (ProfNote). C.R. Gillett **877**, 99.
Icebreakers
Macy, R.H. **447**, 669.
Simons, R.L. **383**, 49. **388**, 856. **394**, 1845.
Icebreakers and Icebreaking. J.W. Naab, Jr. **712**, 45.
Iceland: [U.S. Marine Corps] Force in Readiness. J.L. Zimmerman **648**, 165.
Ice Patrol, International: The Aerial Ice Patrol: No More Titanics (ProfNote). S.R. Osmer **877**, 102.
Ice Stations: Ships of Ice (ProfNote). B.H. Shoemaker **876**, 103. **883**, 80.
Idaho (USS) **201**, 1918. **343**, 1260. **346**, 1720. **348**, 289. **383**, 119.
See also: Old Navy.
1st: The USS Idaho: Reminiscences, 1866-1870. O.W. Farenholt **144**, 1451.
2nd
Illustration **110**, 265.
Sold to Greece **152**, 1201.
3rd: Illustration; launched, description **174**, 1792.
Ships of the Navy... (illus.) R.W. Neeser **156**, 433.
Ide, J.M.: Sonar, Secret Weapon of Sea **530**, 439.
Ideal Naval Officer. Carlos Conejero **668**, 71.
Ideals of the Service: See: Naval Traditions and Customs.
Identification
Identification of Stars: See: Stars, Identification of.
Identification: Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
Identification Unification **605**, 785.
Tagging the Mariner **194**, 667.
U.S. Navy Identification Tags **174**, 1909.
Ideology: Ideological Responsibility. S.T. De La Mater, Jr. **712**, 59.
Iena (Fr. battleship): Magazine Explosion Aboard the French Battleship Iena **122**, 849. **124**, 1530. **136**, 932.
If Anyone Attempts, Shoot Him on the Spot **315**, 432.
Igniters: Electric, for Oil Burners **240**, 346.
Ignition, Airplane Engine **311**, 64.
Igotz-Mendi (SS): Goes Ashore and is Wrecked **182**, 926.
Ihrig, R.M. **288**, 193. **370**, 1771. **405**, 1623.
Babel in China **298**, 1287.
Bonanza **410**, 534.
Contribution to Good Will **301**, 182.
Pass Defense for Battle Line **414**, 1117. **418**, 1780.
When an Eagle Falls on Water **307**, 747.
Ile de France (SS) **307**, 803. **328**, 545. **334**, 1140. **352**, 933.
Illinois: Chicago: Ocean Port **345**, 1576.
Illinois State Register: Tribute to Rear Admiral H.J. Ziegemeier **336**, 282.
Illinois (USS) **277**, 464. **454**, 1741.
Replica **373**, 357. **410**, 538.
Trials **101**, 133.
Illuminating Shells
Illuminating Shrapnel, 1912: **144**, 1669. **146**, 872.
Luminous Projectiles as Searchlight Substitute **129**, 308.
U.S. Navy Star Shell **191**, 113.
War Illumination (illus.) **162**, 606.
Ilo Ilo, The Taking of. A.P. Niblack **91**, 593.
I'm Alone (rum runner) **315**, 465. **316**, 552. **341**, 988.
Immigration
Anglo-Saxon Union to Bar Japanese **216**, 263.
Immigration Issue in America and Japan. H.C. Bywater **257**, 1151.
Japan **222**, 1313. **254**, 683. **256**, 992, 1032. **259**, 1595. **279**, 1026. **280**, 1195.
Japan Expects Quota **329**, 665.
Mexico's Quota **329**, 665.
Imperator (SS) **203**, 125.
Description **147**, 1367.
Imperator Alexander I (Rus.) **818**, 60.
Imperator Alexander III (Rus.) **426**, 1237. **576**, 199.
Imperator Nikolai I (Rus.) **818**, 60.
Imperator Pavel I (Rus. battleship): Launched, description **126**, 725.
Imperatritsa Maria (Rus. battleship): Launched, description **150**, 325.
Imperial Conference, England **333**, 1055.
Imperial Defense College **288**, 211. **339**, 679.
Imperialism: Mid-Century America: Empire Without Imperialism. W.H. Hessler **605**, 727.
Imperial (U.S.): Cruise of the Great White Fleet **673**, 99.
Imperieuse (Great Britain) **864**, 68.
Impressment of Seamen
Chapter from Genesis of War of 1812. L.C. Dunn **441**, 1574.
The Non-Volunteer Navy (OldNav). W.M. Fowler, Jr. **858**, 75.
Press Gangs **414**, 1151.
Inactivation of the Randolph: As Gentle a Hardship as Possible... H.L. Hussmann **801**, 38. **806**, 94. **810**, 105.
Inca Mystery of South Seas. P.L. Soljak **531**, 562.
Incentive Awards for Creative Thinking (ProfNote). J.W. Willis **781**, 135. **785**, 106.
Incentive in the Junior Grades. W.A. Edwards **295**, 962.
Incinerators on Warships, 1911: **139**, 1072.
Income Tax
How Revenue Tax Affects Incomes **177**, 2694.
Swallowing Anchor for Taxes. W.S. Wharton **457**, 384.
Incredible Midway. T.E. Powers **772**, 64. **775**, 106.
Indebtedness (ProfNote). D.G. Smith **790**, 138.
Indefatigable (HMS) **311**, 44.
Description **129**, 292.
Launched; description **132**, 1281.
Indefinite Status of Shanghai. B. Anderson **358**, 1699.
Independence (U.S.) **428**, 1427. **476**, 1507.
See also: Cover Pictures--October 1957; Old Navy, Page from.
Passing of the USS Independence (illus.) **161**, 209.
Ship's Orders--1815. J.F. Goodwin **443**, 78.
The USS Independence: An Appreciation, (illus.) **149**, 129.
Indebtedness (C&D) **794**, 114, 116. **795**, 109. **796**, 100.
Index: Reference Index. Personnel Administration **730**, 35.
India **280**, 1187. **282**, 1591. **295**, 1004. **322**, 1091.
Air Force: MIG-21 Situation (Nbk) **736**, 163.
Bombay Explosion. E.F. Oliver **649**, 273. **655**, 1005, 1007.
Burmah: Autonomy **349**, 447.
Civil Disobedience **348**, 308. **352**, 906.
Conference with England **345**, 1587. **335**, 131. **337**, 417. **345**, 1587. **346**, 1730. **347**, 143.
English Aircraft Troop Supply Train **336**, 264.
English Policy **329**, 665.
Foreign Relations, U.S.-India: India as a Prospective Partner. W.H. Hessler **732**, 72. **739**, 109, 113. **742**, 113.
Gandhi, Mahatma **328**, 565. **329**, 665. **331**, 875. **337**, 417. **338**, 559. **339**, 700. **344**, 1428. **357**, 1661.
Hindu-Moslem Conference **336**, 276.
History: My India: Diversity and Harmony. A.P.S. Bindra **785**, 42. **788**, 113. **796**, 110.
India Buying Soviet Warships (Nbk) **801**, 158.
India Gets Helicopter Squadron (Nbk) **801**, 159.
Indian Round Table Conference. C.C. Baughman **340**, 769.
India Places Largest Order of Ships With East Germany (Nbk) **804**, 130.
India Plans a Naval Expansion (C&D) **836**, 98.
India Said to Buy MIG's and Tanks from Soviet Union (Nbk) **741**, 153.
India's Forces Handicapped By Dependence on Soviet Arms (Nbk) **814**, 106.
India's Russian Navy. R. Kaul **810**, 38.
Indo-Pakistani War and Changing Balance of Power in the Indian Ocean (NavRev). Ravi Kaul **843**, 172.

Kashmir
Naval Officer in. J. Cadwalader **621**, 1245.
Valley of Indecision. Murray Green **634**, 1339.
Kunjali: Great Hereditary Admiral of Calicut (OldNav). J.M. Windas **814**, 70.
Peace Negotiations **333**, 1055. **339**, 700.
Representative Apportionment **356**, 1509.
Revolt **328**, 565. **329**, 665. **330**, 774. **331**, 875.
Rule by English Force **349**, 447.
Simon Report **330**, 773.
Willingdon (Lord): Viceroy **336**, 276.
India—Navy
Ancient India's Modern Navy (ProfNote). G.M. Hiranandani **718**, 133.
Britain's Junior Navies. D. Cowie **451**, 1291.
Britannia Has a Family. D. Cowie **460**, 842.
India Is Buying Soviet Subs (Nbk) **756**, 150.
Indian Goodwill Cruise (Nbk) **743**, 144.
Indian Navy Seeks Replacement for Seahawk Fighter-Bomber (Nbk) **811**, 100.
Indians Offered Patrol Boats (Nbk) **753**, 161.
India's Naval Role Takes Shape (Nbk) **786**, 158.
India's Navy Gets "New Look" (Nbk) **789**, 158.
India to Build Frigates (Nbk) **744**, 162.
India (HMS): Sunk by Torpedo **159**, 1728.
Indiana: Flood. R.J. Toner **426**, 1162.
Indiana (USS) **277**, 464. **334**, 1163.
Indianapolis (USS) **337**, 399. **347**, 123. **358**, 1824.
Excerpts from Log. W.H. Duvall **411**, 685.
Indian Fighter, Navy as. J.H. Brandt **330**, 691.
Indian Head Proving Ground: Fire at, 1917: **179**, 129.
Indian Key Massacre (OldNav). D.A. Dye, Jr. **861**, 74. C&D: **865**, 75.
Indian Ocean
Alliance Diplomacy in Limited War. G.F. Eliot **770**, 52. **776**, 102.
From Simonstown to Singapore. Lawrence Griswold **825**, 52.
Indian Ocean As Seen By An Indian (NavRev). A.P.S. Bindra **807**, 178.
Indian Ocean Base Wanted by McCain (Nbk) **795**, 152.
Indo-Pakistani War and Changing Balance of Power in the Indian Ocean (NavRev). Ravi Kaul **843**, 172.
International Indian Ocean Expedition. E.J. Long **711**, 60.
Neglected Ocean. M.W. Cagle **669**, 54.
Prime Minister McMahon Says U.S. Plans Indian Ocean Force (Nbk) **828**, 125.
Soviet Fleet Building Up in Indian Ocean (Nbk) **829**, 124.
Strategy: Needed: A Credible Presence. J.E. Withrow, Jr. **757**, 52. **762**, 114, 115. **765**, 122. **768**, 116.
Suez and the Indian Ocean. O.E. Clubb **654**, 829.
U.S. Navy Extends Operation of Warships Into Indian Ocean (Nbk) **829**, 124.
Indians
Seagoing Indians. A.P.H. Tawresey **413**, 929.
When the Navy Fought the Indians (OldNav). T.R. Strobridge **746**, 156.
Indicator
Direct Reading Course and Speed. R. Willson **248**, 1655.
Electrical Counter and Shaft Revolution, and Direction Indicator. W.D. Weaver **57**, 91.
Steam Engine, as a Detector of Lost Motion. R. Grimshaw **27**, 803.
Indien (Fr. auxiliary cruiser): Torpedoed **160**, 2140.
Indochina
Bui Chu Means Valiant. T.A. Dooley, III: **635**, 45. **638**, 435.
Dien Bien Phu, Meaning of. M. Dejean **617**, 717.
Haiphong Misunderstanding of March 6, 1946. André Jubelin **654**, 846.
Revolt **328**, 565.
River War in Indochina. R. McClintock **622**, 1303. **627**, 583.
The Road to Geneva. W.C. Hogan and Phyllis Hogan **624**, 137.
Vietnam...A New Type of War? M.E. Geneste **783**, 66.
Indo-Chine (FN) **337**, 401.
Indoctrination
See: Doctrine.
An Experiment in. F.K. Elder **327**, 400.
Harris, F.S.M. **434**, 527.
Indoctrinating Civilians in Naval Defense. R.E. Daniels **261**, 1854.
Indomitable (HMS) **283**, 1775. **311**, 44.
Description **127**, 1058.
Launched; description **121**, 400. **122**, 862.
Indonesia
Bypassing Malacca (ProfNote). Lawrence Griswold **844**, 105.
Indonesia's Archipelago Doctrine and Japan's Jugular. R.A. Miller **836**, 26. C&D: **847**, 94.
Malacca: Dire Straits. E.F. Oliver **844**, 26.
Navy
Indonesian Naval Academy (ProfNote). Frank Andrews **725**, 141.
Indonesian Navy (ProfNote). J.D. Harbron **719**, 155.
Indonesian Navy Strike (Nbk) **747**, 167.
Indonesia Will Receive a Second Soviet Cruise (Nbk) **719**, 160.
Soviet Warships to Indonesia (Nbk) **736**, 163.
Strength and Weakness in Asian Littoral. P.B. Brannen **670**, 68.
Indo-Pakistani War
Details of Indo/Pakistani War Reported in Marine Rundschau (Nbk) **841**, 127. **849**, 88.
Indo-Pakistani War and Changing Balance of Power in the Indian Ocean (NavRev). Ravi Kaul **843**, 172.
Industrial Accident Prevention. I.B. McDaniel **344**, 1313.
Industrial Accounting System. W.S. Zane **337**, 320.
Industrial College, Army. E. Snow **270**, 1469.
Industrial College of the Armed Forces
Lyness, D.H. **743**, 131.
Scammell, J.M. **529**, 295.
Industrial Engineer Looks at Navy. W.J. Richardson **570**, 891.
Industrial Mobilization **319**, 810.
in U.S. J.Z. Reday **608**, 1065.
Industrial Reconversion in 1918 and 194?. L.R. Walter **494**, 399.
Industrial Security: A Challenge. E.U. O'Donnell **607**, 990.
Industrial War Power. J.C. Ten Eyck **495**, 557.
Industry
Former Military Men Have a Place in Defense Industry (C&D) **834**, 91.
Multinational Corporations. R.A. Bowen **839**, 54.
Naval Contributions to. E.L. Jahncke **332**, 888.
Navy Keeps in Touch With. E.F. Metzger **525**, 1405.
Our Nation's Shipyards. J.J. Meyer, Jr. **741**, 34.
Wartime Control of Industry. F.F. Fletcher **246**, 1237.
War: Reverse of the Medal. Reginald Hargreaves **632**, 1117.
Inertial Navigation: Commercial Inertial Navigation (Nbk) **749**, 150.
Infanta Maria Teresa (Sp. S) **335**, 70.
Infantry and Artillery, Instructions for. C.M. Thomas **60**, 569.
Infantry-fire Tactics... C.T. Hutchins **43**, 547.
Inflation: Can We Afford It? E.B. Perry **562**, 1335.
Inflexible (airplane) **305**, 609.
Inflexible (HMS) **232**, 1017.
1st: Sold **108**, 977.
2nd: Launched; description **123**, 1303.
Influence of History Upon Seapower. L.F. Safford **352**, 877.
Influence of Seapower on American Colonial Wars. F.W. Morrell **352**, 860.
Information Leaked to Press: Leakology: The War of Words. Brent Baker **893**, 43. **896**, 65.
Information, Service of. See: Naval Intelligence.
Information System, Needed—An (ProfNote). J.H. Cook, III: **861**, 118.
Infra-red Rays
Signaling by. **214**, 2038.
Ulivi's Experiments in Exploding Bombs with Infra-red Rays **152**, 1227.
Infrastructure Program, NATO: An Alliance Initiative. G.W. Cox **861**, 44.
Ingalls, D.S.: Naval Aviation Today and in Prospect **332**, 891.
Ingersoll, R.E.: Organization of the Fleet for War **148**, 1379.
Ingersoll, R.R.
Corrections for Wind, Motion of Gun, and Speed of Target... **33**, 207.
The Present Course in Ordnance and Gunnery at the Naval Academy **37**, 91.
Researches on the Effects of Gunpowder, Tr. **28**, 1.
The Willson Disc Gun **68**, 415.
Ingersoll, S.H. **655**, 1009. **664**, 108. **675**, 112. **683**, 119. **687**, 102.
Ingleton, G.C.: Charting War: Sea and Cartography in Relation to Southwest Pacific **519**, 697.
Inglis, T.B. **377**, 990. **409**, 403.
Ingraham, C.N.: Radio Communications from Operator's Viewpoint **222**, 1201.
Ingraham (USS): Launched **186**, 1861.
Ingram, H.A.: Pictorial—Ship Camouflage (WWI) (Sumrall) (C&D) **826**, 92.
Ingram, J.H.
Physical Fitness **467**, 9.
South Atlantic—Diplomatic Campaign. F. Pratt **544**, 691.
Ingram, M.D.: United States Navy in Japan, 1945-1950: **590**, 379.
Ingram, S.P.: Civilian Command or Civilian Control? **783**, 26. **786**, 109. **789**, 107.
Initialing the List **421**, 379.
In Lacquer and Silk. K.C. McIntosh **251**, 77.
Inland Seas, Navy Sails the. A.P. Slaff **681**, 23.
Inland Waterways
Economic and Military Importance of Inland Waterways. G.W. Grupp **566**, 407.
Merchant Fleet on the Ohio. W.H. Hessler **640**, 611.
St. Lawrence Seaway
Brockel, H.C. **675**, 23.
Pictorial **675**, 93.
Western Rivers. H.G. Telsey **496**, 653.
Inman, W.D.: Navigator Needed More Time (anec) **693**, 71.
Inner Space
Sealab II (Pict.) T.N. Blockwick **760**, 100.
Sea Power and the Sea Bed. J.P. Craven **758**, 36.

Innovation, Resistance to: Technology and the Military. Stanley Sandler **829**, 54. **839**, 100.
Inoguchi, R., and T. Nakajima: Kamikaze Attack Corps **607**, 933.
Insane Man, Across the Continent With. R.E. Coontz **225**, 1749.
Inshore Naval Operations, Joint Training for. (ProfNote). R.R. Yohanan **781**, 130.
Insignia
See also: Decorations, medals.
British Navy's Wound Stripes **165**, 1631.
Command at Sea Insigne **701**, 99. **717**, 119.
Command at Sea: Surface Line Officer: Some Conn, Some Can't (C&D) **839**, 90.
Command Specialist Insignia Recommended **669**, 110.
Cross: In Hoc Signo--Victory! W.V. Kennedy **622**, 1321.
January 1967 Cover (C&D) **771**, 127.
Mark of Distinction? **608**, 1130. **615**, 577.
Medals and Insignia for U.S. Soldiers in France **184**, 1324.
Mexican Service Insignia **181**, 621.
Naval Aviation Insignia. J.B. Hancock **364**, 857.
U.S. Aircraft Insignia **198**, 1453.
Inspection Duty
Contractors' Claims, and Specifications **140**, 1476.
Inspection Duty at Navy Yards
Cluverius, W.T. **142**, 742.
Hoff, A.B. **142**, 741.
Parker, T.D. **142**, 397.
Inspection Duty, Naval, in Manufacturing Districts **150**, 355.
Notes on Inspection Duty... A.B. Willits **144**, 1275.
Inspections
Destroyer Division. V.H. Godfrey **274**, 2292.
Inspection. A. Tawresey **312**, 105.
Inspection and Boarding: Skimmer Ops. J.F. Ebersole **857**, 40. **862**, 88.
Statistical Methods: Aid to Inspectors (ProfNote). C. Lewis **774**, 143. **777**, 102.
Whom Do We Think We're Kidding? (ProfNote). J.M. Henderson **722**, 144.
Inspection Service, Naval
Inspection for Protection. C.F. Columbia **506**, 397.
Land Sailors. C.T. Schueren **502**, 1486.
Navy Material Inspection Service. G.C. Manning **402**, 1143.
Institute of Pacific Relations **345**, 1585. **347**, 131.
Institute of Radio Engineers **277**, 536.
Institution of Naval Architects **257**, 1137.
Instruments--Aircraft
Aeronautics, Navigation. Altitude Flying **259**, 1563.
Aircraft Instruments. T.C. Lannquist **303**, 405.
Altimeters **311**, 62, 63. **314**, 341. **323**, 69.
Audiometer **328**, 556.
Aveline Automatic Pilot **219**, 765.
Baker Air Sextant **213**, 1854.
Beacons **239**, 166. **356**, 1535.
Bombing Instructor **354**, 1234.
Book Review **355**, 1363.
Control Device, Automatic. **356**, 1534.
Corrector of Artillery Fire **354**, 1234.
Distant Compass **224**, 1654.
Doolittle's for Blind Flying **323**, 69.
Electrical Equipment **358**, 1840.
Electric Weather Maps **341**, 980.
Elgin Instrument Panel **328**, 554, 555.
Flying **329**, 658. **340**, 835. **345**, 1581. **347**, 129. **354**, 1234. **355**, 1363. **356**, 1536.
Fog Flying **227**, 132. **228**, 310. **229**, 490. **231**, 833. **296**, 1146. **303**, 405. **304**, 508. **331**, 866, 871.
Hanson Audio Piloting System **326**, 347.
Henrickson Ice Warmer **327**, 455.
High-Frequency Radio, Tests for Aircraft. W.H. Hoffman and F.H. Snell **306**, 663.
Mechanical Ear, Ely **301**, 225.
Naval **241**, 512.
Oxygen Heaters **208**, 969.
Pilot's Assistor **324**, 158.
Radio **217**, 441. **252**, 315. **260**, 1741. **297**, 1230. **305**, 607. **336**, 265.
Radio Equipment on NC Seaplanes. R.A. Lavender **212**, 1601.
Sperry Automatic Pilot **347**, 134.
Sperry Gyroscopic Robot **323**, 68.
Spotting **356**, 1535.
Synchronizer, Engine **355**, 1383.
Instruments--Astronomical: Zeiss Planetarium **329**, 660.
Instruments--Engineering
Salinometer, Electric **338**, 554.
Salt Detector, Simplex **220**, 956.
Sonascope Uses **219**, 779.
Instruments--Meteorological: Book Review **346**, 1735.
Instruments--Nautical:
Sperry Stabilizers **331**, 862. **336**, 259. **338**, 541. **339**, 688.
Stability Computer **346**, 1721.
Submarine Detector **355**, 1371.
Instruments--Navigational
Adjustment of Type III, Azimuth Circle. F.L. Oliver **319**, 794.
Approach Omnimeter. S.E. Bray **232**, 965.
Automatic Depth Recorder. S.G. Lamb **239**, 111.
Automatic SOS **355**, 1381.
Bathometer **331**, 862.
Compass, Pioneer Magnetic **348**, 302.
Deep-Sea Sounder **232**, 1051.
Depth Sounders. L.P. Delsasso **321**, 953. **329**, 643.
Depth; weight instrument **233**, 1240.
Device for Solving for True Wind. F.H. Gilmer **274**, 2286.
Direction Finders **210**, 1217. **228**, 319. **250**, 2106, 2110. **254**, 669. **260**, 1752. **302**, 318. **336**, 265. **338**, 518.
Echo-Sounding Apparatus **336**, 260. **342**, 1111.
Hayes Device **235**, 1605. **239**, 111.
Instrument for Solving Spherical Triangles. T. Hill **10**, 493.
Logs **210**, 1353. **215**, 123. **239**, 172.
MacNeil All-Weather Sextant **339**, 695. **346**, 1721.
Make It Yourself. R.C. Parker **333**, 1012.
Marimeter **203**, 127. **239**, 173.
Pierce Sextant Camera **309**, 1003.
Rotary Brake Sounding Machine **230**, 677.
Sextant
Box **209**, 1140.
Date Invented **348**, 294.
Sonic Depth Finder **240**, 352. **241**, 512. **247**, 1567.
Spherant, The. H.B. Kaster **329**, 607, 644. **330**, 750. **334**, 1129.
Submarine Telephone **232**, 1052.
Talking Radio Beacon **338**, 554.
Time-Speed Distance Calculator **354**, 1215.
Universal Drafting Machine as Battle Approach Instrument. D.T. Hunter **234**, 1365.
Instruments--Optical
Stroboglow **331**, 863.
Stroborama **305**, 606.
Stroboscope, Neon **275**, 122. **305**, 606.
Instruments--Ordnance: Silencer **356**, 1527.
Instruments--Repair and Service: Mechanical Instrument Repair and Calibration (ProfNote). M.R. Travalio **775**, 139.
Instruments Used In Action
Kleptoscope: Remarks, Description **100**, 834.
Range-Finders
Barr and Stroud: Remarks, Trials... **98**, 432. **100**, 432.
Fiske's New Turret Range-Finder **98**, 434.
New Vertical Base Type **100**, 834.
Remarks, Comparisons... **98**, 432.
Zeiss Range-Finder: Remarks, Trials... **98**, 432.
Searchlights
Remarks **97**, 206.
Remarks on Use... **98**, 434.
Insurance
Are You Worth It? W.E. Brown **274**, 2328.
Aviation Insurance Plan, New. G. Merrill **412**, 818. **415**, 1320, 1323.
Buy--Don't Be Sold Insurance. E. Snow **336**, 181.
Fix USCO (PL 239, 83rd Congress) **626**, 459.
Flexible Family Financing. R.H. Bowers **836**, 52. **844**, 94. **845**, 95.
German Insurance Companies Barred From U.S., 1917: **174**, 1835.
Government Insurance for Seamen, 1917: **173**, 1530.
Insurance for Protection. R.T. Sutherland, Jr. **410**, 480.
Insurance Problem for Naval Officer. M.W. Williamson **459**, 644.
Life Insurance
Nulton, L.M. **144**, 1253.
Taylor, D.W. **145**, 349.
Life Insurance Applied to Naval Service. E.L. Webb **238**, 2107. **240**, 313. **241**, 479. **243**, 853.
Marine: Lloyd's of London and World Maritime Traditions. F.M. Murphy **771**, 79.
Plan For All Seasons. H.N. Lyon **797**, 35. **802**, 108, 109. **803**, 100, 101, 102.
Recruits, Insurance for Naval. J.J. Levasseur **416**, 1393.
Savings Program for Naval Officer **569**, 791.
Fredland, J.R. **562**, 1355.
Service Insurance Lesson **178**, 3005.
This Insurance Question. H.N. Lyon **569**, 774.
War Risk Insurance Act **177**, 2665.
Yangtse River, China **449**, 1067.
Insurgente (Fr.): See: L'Insurgente (Fr.).
Insurgente (U.S.) **358**, 1737. **377**, 949.
Intellect: The Common Ground. H.H. Sacks **679**, 78. **692**, 109.
Intelligence
See also: Naval Intelligence.
Command and the Intelligence Process. R.L. Taylor **690**, 27.
Conflict in Transparent Scenarios (C&D) **885**, 82.
Creative Brainpower: Navy's Latent Resource (ProfNote). R.L. Bothwell **714**, 133.
Know Thine Enemy. J.V. Heimark **678**, 65.
Naval Kremlinology (C&D) **875**, 70.
NILO--Naval Intelligence Officer in Vietnam (ProfNote). R.W.A. Seagraves **790**, 145.
Secrecy in Government. R.L. Taylor **841**, 72. **846**, 94.
Stop, Look, and Listen. Kemp Tolley **770**, 58. **778**, 103.
Intelligence--Naval
Let's Use Our Intelligence. T.G. Martin **777**, 56. C&D: **782**, 100.
Ocean Surveillance, New Weapon of Naval Warfare. F.B. Murphy **816**, 38.
Intelligence Specialist, Naval, Trained on Post-Graduate Level. R.A. Kotrla **535**, 1061.
Intelligence Tests

Book Review **321**, 1009. **322**, 1101.
Character and Success. A.H. Rooks **311**, 38.
Edison Tests **224**, 1665.
Elements of Leadership. D.W. Knox **214**, 1883.
Importance of Leadership. D.W. Knox **205**, 345.
Intelligence Tests at Naval Academy. M.S. Tisdall **264**, 202.
O'Rourke Test. R.A. Hall **298**, 1306.
Principles of Command. L.H. Chandler **227**, 21.
Psychological Factor in Promotion by Selection. J.H. Taylor **290**, 436.
Psychological Tests. C.C. Brigham **267**, 875.
Psychology and Naval Officer. F.H. Gilmer **226**, 1909. **230**, 633.
Psychology in Navy. F.H. Gilmer **215**, 77. **217**, 393. **220**, 917.
Selection of Man Power at Source. L.W. Bagby **260**, 1675. **262**, 2061.
Intelligent Whale (U.S.) **421**, 388.
Inter-American Defense Board. A.M. Harlow **528**, 191.
Interest, Aids to: Aids to Emotional Interest. L.A. Cotten **166**, 1855.
Intergovernmental Maritime Consultative Organization (IMCO) **864**, 98.
IMCO, An Assistance to the American Merchant Marine. L.W. Goddu, Jr. **766**, 70.
U.S.S.R. and I.M.C.O.: Preliminary Observations. A.Z. Rubinstein **680**, 75.
Interior Decoration for Submarines. H.S. Dewey **573**, 1183.
Intermodal Ships: Ships of the U.S.-Flag Intermodal Fleet (NavRev). B.M. Kopec **867**, 212.
Internal Guidance in the Bundeswehr--A Modern System of Human Resources Management (ProfNote). E.H. Lorenz **869**, 100.
International Air Convention **280**, 1220.
International Conference: Safety of Life at Sea **316**, 534.
International Digest
French Foreign Policy **338**, 558.
Russian Interest in Chinese Communists **337**, 418.
International Environmental Politics: Forecast: Change. W.J. Kotsch **779**, 69.
International Finance
Columbia Faculty re Debts **293**, 824.
English Debt Terms **242**, 715.
Principal International Debts **233**, 1258.
Refunding Debts **222**, 1312.
Reparations Commission Dissolved **329**, 664.
Report on German **344**, 1428.
International Gun (Siege of Pekin, 1900).
International Hydrographic Bureau **255**, 856. **256**, 1020. **287**, 108.
Brandt, G.E. **260**, 1658.
Long, A.T. **339**, 609.
Safety of Life at Sea. A.P. Niblack **295**, 1018.
International Ice Observation and Patrol Service: Instructions to Patrol Vessels **164**, 1300.
International Ice Patrol: Atlantic Ice Patrol Expands Warning Services (Nbk) **727**, 137.
International Incidents
Aftermath of the Elath. R.D. Colvin **800**, 60. **805**, 87.
Dangerous Maneuvering--The Russian view (ProfNote). T.C. Martin **792**, 144.
A Day in Hawaii. J.H. Skillman **386**, 496.
Kuwait Confrontation of 1961. C.W. Koburger, Jr. **851**, 42.
Let Pass Safely the Awa Maru. R.T. Speer **854**, 69. **857**, 88. **861**, 94.
Matter of Judgment. Theodore Taylor **665**, 70.
"Mayday" for the Mayaguez **885**, 93-111. **897**, 84.
New Tools for Crisis Management. Hugh Ware **858**, 18. C&D: **863**, 87.
North Sea Incident of 1904. J.P. Campbell **853**, 64.
Panay Incident: Prelude to Pearl Harbor. H.J. Swanson **778**, 26. **783**, 111.
Soviets Imperil U.S. Ships By Violating Rules of the Road (Nbk) **748**, 150.
Ten Days at Veracruz. P.B. Ryan **832**, 64. **840**, 88.
U.S. Hits Actions by Soviet Ships (Nbk) **742**, 150.
Who Will Take the RAP? (ProfNote). Tyrone Martin **802**, 138.
Internationalism, Nationalism and. A.T. Beauregard **370**, 1747.
International Labor Conference **202**, 2115. **203**, 148.
International Law
Admiralty Court Birthday (ProfNote). T. Blore **694**, 139.
Aerial Annihilation. E. Colby **318**, 686.
Airplane in International Law. E.R. McLean, Jr. **405**, 1533. **409**, 399.
American Interests in West Indies. E. Colby **338**, 468.
Bird's Eye View of Admiralty Law and Practice. W.H. Faust **226**, 1919.
Blockade Runners **341**, 870.
Book Review **333**, 1057.
British Blockade and American Precedent. J.W. Pratt **213**, 1789.
Chinese Communist Territorial Water Claims (ProfNote). D.J. Edwards **728**, 157.
Coastwise Shipping Laws: P.I. **322**, 1074.
Codification **28**, 1391. **302**, 329. **316**, 551. **327**, 462.
Continental Shelf, International Law Aspects of Acquisition of, by United States. B.H. Brittin **550**, 1541.
Delivery of Man to Foreign Civil Authorities **291**, 585.
Development. P.S. Wild, Jr. **442**, 1702.
Diplomatic Aspects of Nicaragua Canal. G.J.B. Fisher **327**, 381.
Disposition of Neutral Vessels and Cargoes Seized in War. R. Stone **206**, 565.
Effects of World War **250**, 2116.
Features of Maritime Law. K.C. McIntosh **333**, 991.
Freedom of Seas
Custance, R. **201**, 1851. **203**, 95.
For Fishing. W.R. Neblett **672**, 85.
Meyers, G.J. **380**, 1355.
Preface to. D.E. Cummings **374**, 486.
Shear, H.E. **664**, 66.
Future of Submarine in International Law. M. Cooper **229**, 337.
Geneva Conferences on Law of the Sea (ProfNote). R.D. Powers **686**, 133.
How Wide the Territorial Sea?
I. Background and Vote--1960 Conference. R.D. Powers, Jr. and L.R. Hardy **696**, 68.
II. Problems Left by Discort--Current and Future. G.A. Codding, Jr. and A.Z. Rubinstein **696**, 74.
Immunity of Public Ships **233**, 1248.
Indonesia's Archipelago Doctrine and Japan's Jugular. R.A. Miller **836**, 26.
International Law and the Future of Submarine Warfare. Alex A. Kerr **632**, 1105.
International Law Is No Dead Letter. T.H. Robbins **639**, 491.
International Law Still Lives **286**, 2524.
Jurisdictional Problem: The T-3 Incident. C.O. Holmquist **835**, 44.
Lardner Case **285**, 2327.
Law and Order, Or? A.A. Fries **284**, 1993.
Law and War. E. Colby **277**, 484.
Law in Future Wars. E. Colby **298**, 1298.
Law of the Sea and the Naval Officer. R.C. Benitez and P.B. Yeager **646**, 1271.
Laws and Customs at Sea Affected by World War. R. Wainwright **244**, 897.
Legal Existence of War. E. Colby **288**, 153.
The Legal Status of Submarine-Launched Cruise Missiles (ProfNote). S.C. Truver **894**, 82.
Legal Use of Force Short of War. Bruce Harlow **765**, 88. **769**, 112.
More Fun Than Fury in Fish War. Frank Goldsworthy **696**, 58.
Naval Aircraft in International Law. F. Sherman **274**, 2259.
Naval Captures. F.J. Lippitt **86**, 301.
Naval Officer in Diplomacy. H.S. Knapp **259**, 1473. **289**, 309. **291**, 586.
Naval Officers in. **289**, 390.
Navy in Carrying Out Diplomatic Policies. W.L. Rodgers **312**, 99.
Navicert and Pericert. F.J. Nelson **460**, 825. **463**, 1311.
New Era in International Law **285**, 2302.
Operation Justice. A. Talerico, Jr. **531**, 509.
Origin of Naval Law. W.J. Nunnally **261**, 1847.
Place of Naval Officers in International Affairs. G.B. Vroom **219**, 685.
Prizes at Sea, Destruction of. H. Sanders **391**, 1233.
Recent Trends in International Law. P.S. Wild, Jr. **443**, 18.
Right of Angary: Jus Angaria. T.W. Sheridan **408**, 159.
Rights and Duties of Belligerents and Neutrals **86**, 381.
Sea Law **300**, 153.
Simonds, F.H.: re Territorial Aggression **352**, 941.
Sovereignty of Seas, British Seventeenth Century Claims to. H.F. Rommel and E.H. Clark, Jr. **556**, 659.
Submarine, International Law and. H.G. Rickover **391**, 1213. **406**, 1767.
Submarine, Law and. C.A. Eichelberger **581**, 691. **582**, 907.
Submarines and London Treaty. E.E. Hazlett, Jr. **406**, 1690.
Territorial Control and Jurisdiction Over Sea Areas. J.K. Taussig, Jr. **509**, 815.
Three Cases of International Law. L.T. Miles **462**, 1147.
Three-Mile Limit of Territorial Waters. W.E. Hilbert **424**, 804.
Threshold of New Era in International Law. L.C. Dunn **281**, 1367.
Training Government Official. D. Potter **262**, 1982.
12-Mile Sea Limit for Canada (Nbk) **727**, 147.
White Shelf: Study of Arctic Ice Jurisdiction. Ben Partridge **703**, 51. **711**, 115.
International Maritime Law
See also: Law--International Maritime.
Black Wake of the Torrey Canyon. J.M. Marshall **778**, 38. **782**, 100, 102.
Burden of Being Privileged. R.A. Cahill **743**, 37. **746**, 102, 104. **750**, 118, 119.
Capture at Sea in Perspective. C.G. Phillips **746**, 60. **750**, 108.
Code of Conduct for the Fishing Grounds. L.A. White **745**, 76.
Derelicts of the Sea (ProfNote). J.W. Giles **837**, 114. **842**, 84.

International Maritime Law (Cont.)
The Economics of a 200-Mile Fisheries Zone. R.J. Slye **888**, 35.
Fishing Regulations
The Coast Guard and Fisheries Law Enforcement. E.R. Fidell **877**, 70.
Navy Backs 12-mile Fish Limit (Nbk) **763**, 154.
Spain Moves Fishing Limits to 12 Miles (Nbk) **778**, 154.
12-Mile Fishing Zone (Nbk) **768**, 155.
Freedom of the High Seas: An Impossibility? (ProfNote). M.W. Janis **853**, 112.
Great Territorial Sea Squabble. J.F. Meade **794**, 45.
The Influence of Modern International Law on Naval and Civil Operations at Sea (NavRev). D.P. O'Connell **891**, 156.
IMCO, An Assistance to the American Merchant Marine. L.W. Goddu, Jr. **766**, 70.
Indonesia's Archipelago Doctrine and Japan's Jugular (C&D) **847**, 94.
Japanese Maritime Traffic Safety Law (ProfNote). G.D. Saunders **852**, 105.
Keeping the Seas Clean: An International Concern (ProfNote). C.L. Cochran **864**, 97.
The Law and Fishery Enforcement on the High Seas (ProfNote). E.R. Fidell **869**, 95.
Law of--and Under--the Sea. L.G. Parks **756**, 54.
The Law of the Sea and Naval Missions. H.G. Knight **892**, 32.
Malacca: Dire Straits. E.F. Oliver **844**, 26.
New International Law for the Submarine? W.O. Miller **764**, 96.
North Sea. W. Langeraar **767**, 20. **771**, 121, 122. **775**, 114. **779**, 111. **801**, 114. **803**, 94.
Oceans Get Smaller, Legally (Nbk) **778**, 147.
Piracy--A Modern Conspectus. B.H. Brittin **747**, 71. **754**, 121.
Role of the Salvor. J.W. Giles **732**, 65.
Rule 27 (ProfNote). Paul Masterton **736**, 140.
"Sea Courts" and the U.S. Navy (C&D) **839**, 91.
Sea Power and Sea Law. J.D. Hayes **735**, 60. **738**, 116.
A Survey of the International Law of Naval Blockade. S.V. Mallison and W.T. Mallison, Jr. **876**, 44.
Territorial Sea: A Wider View (ProfNote). G.B. Cooper **854**, 113. **858**, 84.
Territorial Seas: Sovereignty and the SLBM. H.B. Sweitzer **763**, 32. **766**, 130, 131. **769**, 107.
Territorial Waters
Bonn (W. Ger.) Extending Undersea Claim (Nbk) **734**, 156.
Britain Will Apply New Fisheries Limit (Nbk) **741**, 149.
Malacca and the Law (ProfNote). J.E. Marsh and B.J. Janigian **876**, 101.
Sea of Okhotsk, U.S.S.R.'s Great Lake? D.W. Given **811**, 46.
Territorial Waters, Fishing Rights, and International Law (ProfNote). C.L. Cochran **774**, 132.
Three-Mile Limit, Obsolete? G.E. Carlisle **768**, 24. **773**, 109.
Time Has Come, the Porpoise Said... A.T. Church, Jr. **839**, 34. **846**, 99.
Undersea Law: Walls Beneath the Sea. D.P. Stang **781**, 33. **788**, 105.
United States Accepts 12-mile Limit (C&D). W.E. Night **813**, 84.
"Vessel" or "Structure?" "Seaman" or "Member of the Crew?" (ProfNote). J.W. Giles **827**, 107.
Who Owns the Oceans? R.C. Knott **841**, 65.
Who Will Own the Ocean's Wealth? W.J. Cromie **743**, 52. **748**, 120.
International Military Tribunal **531**, 509.
IMT: Nuremberg in Perspective (C&D) **841**, 104. **846**, 98.
International Oceanic Affairs of Diplonauts and Ocean Politics. A.D. Clift **809**, 31.
International Opium Conference **266**, 683.
International Petroleum Situation. J.H. Skillmans **337**, 299.
International Politics: The Middle East. Robert Strausz-Hupé **671**, 23.
International Radio Conference **298**, 1329.
International Relations
Afghanistan and the Great Powers. A.Z. Rubinstein **647**, 62.
Africa: Next Great Area of Crisis. M.H. Hellner **682**, 27.
Age of Continents. W.R. Mathews **635**, 55.
Air-Sea Power on Asian Perimeter. W.H. Hessler **584**, 1019.
American Foreign Policy and Naval Power. R.M. McClintock **436**, 791.
American Foreign Policy: Patient Courage Pays Off. W.H. Hessler **635**, 9.
American Way of Peace or War. C.A. Weil **483**, 674.
Analysis of Strategic Areas in Asia. R. Strausz-Hupé **587**, 1.
And Keep Our Powder Dry. D.E. Cummings **507**, 555.
Asian Allies for America. J.W. Ballantine **608**, 1047.
Atlantic Naval Policy for United States. N.J. Padelford **451**, 1297.
Back to Sanity. Robert Strausz-Hupé **663**, 23.
Baltic, Tug of War in. W.H. Hessler **598**, 1301.
Care and Feeding of an Oceanic Alliance. W.H. Hessler **698**, 27. **702**, 104, 105.
Caribbean Area, Resumé of National Interests in. I. Olch **444**, 165.
Changes in International Behavior. J.C. Hubbard **429**, 1607.
Changing Nature of Power. C.H. Amme **721**, 27.
China: Is China Great Power? A. DeConde **599**, 29. **606**, 902.
Chinese Action, Background of. J.D. Hittle **594**, 821.
Damage Limitation: A New Strategic Panacea? G.E. Lowe **748**, 38. **752**, 110, 111, 112. **756**, 108.
Danger from the East. Mogens Lauesen **707**, 19. **712**, 113.
Diplomatic Frontier, Navy and. F.S.M. Harris **398**, 473.
Disarmament Delusion. Robert Strausz-Hupé **684**, 41.
End of an Era. Roy Beavers **833**, 18. **838**, 92. **840**, 92, **845**, 93.
European Strategy Re-evaluated. E.J. McNulty **580**, 631.
Evolution of Great Powers. H.R. Stevens **587**, 69.
First Encounter: Roosevelt and the Russians, 1933. R.P. Browder **651**, 523.
Foundation of Naval Policy. W.J. Holmes **374**, 457. **378**, 1138.
Future of Our "Alliance" With Spain. A.J. Cottrell **682**, 60.
Genesis of Naval Policies. C. Moran **407**, 9.
Germany and England, 1910: **133**, 310.
Germany-Japan: And Your Task, Dear Partner. R.M. Langdon **578**, 365.
Germany-Russia: See: Stalin and Hitler.
Germany Wants Immediate War With England? 1913: **150**, 529.
High Commissioner to Turkey. Bern Anderson **647**, 17.
High Price of Success. R.J. Hanks **782**, 26. **787**, 109. **792**, 109. **797**, 111.
Historical Examination of Soviet Foreign Policy. L.B. Blair **559**, 973.
In Pursuit of Liberty. D.V. James **647**, 1.
Interrelation of Foreign and Naval Policies in American History. M.F. Talbot **447**, 650.
Inter-Service Dispute Viewed with European Eyes. J.A. Lukacs **573**, 1237.
Islam, Force for East or West? R.S. Hibbs **620**, 1085.
Is NATO Expendable? Robert Strausz-Hupé **655**, 923.
Italy and Austria, Their Relations, 1911: **139**, 1065.
Japan, Our Dilemma in. M.E. Holbrook **563**, 23.
Legal Background to Suez Crisis. C.W. Koburger, Jr. **649**, 315.
Limits of Policy of Power. W.H. Hessler **574**, 1321.
Mediterranean Geopolitics. L.B. Blair **576**, 135. **588**, 199.
Mediterranean Theater: Iron Curtain By-Pass. G.C. Reinhardt and W.R. Kintner **604**, 603.
Monroe Doctrine, Present Meaning of. F. Howland **456**, 194.
Mutual Defense Insurance. W.C. Mott **573**, 1187.
National and Naval Policies. I. Olch **485**, 925.
National Policies and Defense. G.W. Akers **377**, 897.
National Policy in the War of Wills. R.C. Bowman **746**, 46.
NATO, Now is the Time for All Good Members... J.A. Robinson **791**, 38. **795**, 108.
Naval Officer's Role in Politico-Military Affairs. W.M. Kaufman **682**, 53.
Naval, Pacific Ocean: See: Pacific Ocean.
Navy and National Life. D.W. Knox **376**, 774.
Navy's Role in International Affairs. J.E. McAuley **575**, 15. **584**, 1104.
The New Geopolitics. Craig Hosmer **846**, 18.
No More Vietnams? W.L. Beaulac **837**, 18.
On Hugging a Bear, Take Care. S.A. Swarztrauber **857**, 18.
Operation Destiny. W.D. Lanier, Jr. **563**, 27.
Our Fighters Discuss Post-War Plans. J. Snedeker **503**, 29.
Our Future Military Strength. R. Sunderland **497**, 817.
Our Unofficial Diplomats Abroad. W. Brown **594**, 869.
Pacific Naval Policy, American, Public Opinion and. J.W. Masland **461**, 985.
Pakistan and Himalayas. W.H. Hessler **618**, 851.
Pan-Americanism and Naval Policy. I. Olch **465**, 1527.
Pan-American Policy, First Line Strengthens. L.P. Lovette **442**, 1687.
Patience: Bedrock of Strategy in the 1960s. W.H. Hessler **744**, 26. **747**, 112.
Policy and Naval Officer. W.L. Taylor **440**, 1393.
Post-War Problems and Navy. H.H. Smith-Hutton **484**, 785.
Problem of a German Invasion of England, 1910: **133**, 311.
Prospects for 1933 in Europe. F.H. Simonds **359**, 151.

Protecting American Interests. G.R. Clark **130**, 393.
Riddle of West. R. Sunderland **541**, 287.
Role of Military Assistance. W.R. Kintner **697**, 76.
Role of U.S. Navy in Post-War World. W.D. Puleston **495**, 499.
Russia and Turkey in 1911: **138**, 648.
Sea Power and Western Revolution. R.E. Williams **601**, 239.
Security of National Interests. J.W. Greenslade **388**, 831.
Significance to Russia of Japan's Collapse as World Power. H.H. Goodwin **538**, 1425.
Soldier's Relation to Foreign Policy. R. Sunderland **487**, 1170.
Soviet Psychological Strategy. Robert Strausz-Hupé **700**, 23. **704**, 112.
Soviet Union Today. O.H. Dodson **711**, 43.
Spirit of Geneva. W.C. Hogan **642**, 797.
Technology and Bargaining in Anglo-American Naval Relations: 1938-1946. J.R. Leutze **892**, 50. **894**, 70. **897**, 93.
The Trouble with Alliances... T.H. Etzold **889**, 46. **895**, 90.
To Use the Sea. L.C. Kendall **838**, 58.
Toward Total Security. M.M. Dupre, Jr. **524**, 1289.
Turkey: As Ally, She's Natural. W.H. Hessler **594**, 839.
Ugly American **704**, 115. **708**, 117.
United States Looks to Her Future on Sea. L.P. Lovette **452**, 1383.
U.S. Navy and First Japanese Mission to United States. W.L. Sachse **507**, 531.
U.S. Navy's People-to-People Program. W.A. Platte **689**, 55.
Vital Interests and Objectives of Our Major Allies. Robert Strausz-Hupé **743**, 152.
War, Politics, and Military. W.R. Kintner **576**, 129.
We Are All Americans. R.J. Toner **683**, 23.
When Peace Comes. H.F. Cope **480**, 165.
World Divided. B. Livingston **429**, 1612.
You Are an Ambassador. C.F. Duggins **663**, 51.
International Trade: To Use the Sea (C&D) **845**, 89.
International Wireless Conference **224**, 1661.
Berlin, 1906: **121**, 432.
London Conference, 1912, Restricts Wave Lengths **144**, 1689.
London Wireless Conference, 1912: Proceedings **143**, 1162.
U.S. Delegation to London Conference, 1912, Recommendations **148**, 1775.
Inter-Nation Simulation (INS): NATO, Now Is the Time for All Good Members... J.A. Robinson **791**, 38. **795**, 108.
Interned Officers: See: Prisoners.
Interned Ships: See: Ships, Interned.
Interoceanic Canal. Fred Collins **2**, 21.
Interparliamentary Union **296**, 1137.
Intervention: Legal Use of Force Short of War. Bruce Harlow **765**, 88. **769**, 112.
Intervention--Armed
HMS Centaur at Dar es Salaam. D.K. Hankinson **801**, 57.
The Lesson of Vietnam. J.E. Greenbacker **845**, 18. **850**, 83. **851**, 73.
Intrepid (HMS) **317**, 573.
Sunk **184**, 1380.
Intrepid (USS) **291**, 621. **304**, 486.
Explosion, Tripoli **547**, 1139.
Final Resting Place of Heroes of Barbary Wars. Mustapha Burchis and A.M. Johnson **643**, 969.
Graves of the Intrepid's Heroes **652**, 660.
Intrepid Family Tree (Nbk) **806**, 135. **814**, 86.
Pilot S. Catalano **441**, 1616.
Invasion, Early Signs of: Tittoni, Renato **150**, 345.
Invasion of Southern France, A Blunder? Maurice Matloff **665**, 35.
Inventions **228**, 331.
America and Inventions, 1915: **159**, 1675.
Antisubmarine Inventions. Park Benjamin **174**, 1847.
Invention in War. B.A. Fiske **209**, 1007.
Legal Rights of Naval Personnel in Inventions. E. Wilkinson **258**, 1266.
Machines vs. Men **353**, 1084.
Military Conservatism. W.S. Sims **229**, 347.
Naval Inventions, 1915: **159**, 1675.
Inventors: Transplanted Torpedoman (OldNav). F.H. Winter **857**, 80.
Inventory Control Hits Fleet. L. Lee, Jr. **556**, 673.
Inventory Control Program
Navy Seeks Business Efficiency as Well as Combat Efficiency. L. Lee, Jr. **562**, 1389.
Navy's. L. Lee, Jr. and M.A. Peel, Jr. **537**, 1363.
Investments
Co-operative Housing and Service. W.J. Catlett, Jr. **397**, 357. **400**, 865.
Foreign Investments **272**, 2038. **302**, 331. **338**, 557.
Saving and Investment. T.C. Kinkaid **255**, 783.
Selling to Service. G.M. Adee **252**, 234.
Invincible (HMS)
Correction **439**, 1382.
Description **119**, 1028.
Launched; description **122**, 863.
Plans; description **160**, 1913.
Invisible Ray: Searchlight **302**, 312.
Inyokern, California: By Rocket's Red Glare. W.R. Hughes **561**, 1207.
Inzauma (Jap.) **350**, 620.
Iodine: Value of Iodine in Surgery **156**, 571.
Ioma (SS): Blown Up by Explosion of SS Mont Blanc After Collision **179**, 177.
Iowa (U.S.) **415**, 1239.
See also: Old Navy; Cover Pictures--November 1954.
Iowa-Class Battleships off Korea (Pict.) **593**, 785.
The Old Iowa's Ram (OldNav). C.J. Hoffman **862**, 64.
Seagoing Coast-line Battleship Iowa **698**, 112.
Torpedo on the Starboard Beam (OldNav). C.F. Pick **810**, 90.
Iphigenia (HMS) **317**, 573.
Sunk **184**, 1380.
Irak **263**, 161. **278**, 786. **338**, 559. **353**, 1056. **358**, 1813.
Iran
British Destroyers and Missiles Being Bought By Iran (Nbk) **765**, 172.
Iran Launches Mark 5 Destroyer (Nbk) **796**, 156.
Iran Tightens Watch on Persian Gulf Oil Trade (Nbk) **844**, 114.
Troubled Oil and Iran. E.M. Eller **621**, 1189.
Iraq: Kuwait Confrontation of 1961. C.W. Koburger, Jr. **851**, 42.
Ireland **226**, 1943, 1952, 1985. **227**, 149. **229**, 464. **511**. **234**, 1456. **239**, 195. **276**, 379. **296**, 1134. **327**, 350, 462, 599, 614.
England and Ireland **351**, 753. **352**, 905. **353**, 1056. **354**, 1208. **355**, 1358. **358**, 1812.
Young Irish Disorders, 1848: **537**, 1381.
Ireland, D. **215**, 3.
Iris (USS): Used as Training Ship **186**, 1865.
Irish Political Prisoners and Catalpa **449**, 962.
Iron
Cast Iron **231**, 842. **276**, 348. **282**, 1621.
Electrolytic **284**, 2133.
Iron and Steel and the Mitis Process. W.F. Durfee **42**, 369.
Iron Brains and Iron Ships. C.P. Rozier **673**, 56.
Ironclad, First: The Pioneer Ironclad. J.M. Morgan **176**, 2275.
Ironclad Rams: Strange Career of the Stonewall. Lee Kennett **780**, 74.
Ironclads
Career of an Early Ironclad **641**, 766.
Circular: Admiral Makarov: Attack! Attack! Attack! **749**, 57. **754**, 118. **762**, 121.
Rams, Rebel. F. Pratt **425**, 1021. **427**, 1344. **429**, 1647.
United States: The Stevens Battery. Michael Orth **760**, 92.
Iron Curtain: The Fence and the Defense. M.E. Geneste **728**, 30.
Iron Duke (Eng.) **337**, 396. **345**, 1574. **350**, 614. **351**, 766. **356**, 1524. **358**, 1827.
Description **144**, 1640.
Illustration **149**, 1.
Trials **149**, 212.
Ironmonger, Richard: Sea Van Ship (ProfNote) **701**, 130.
Iron Ore
America's Iron Ore Needs. John Bunker **638**, 385.
Importance of Caribbean in Search for. J.B. Blackford **580**, 583. **582**, 881.
Iron Ore Traffic on Great Lakes. W.R. Harkins **621**, 1227.
Iroquois (Br. SS) **420**, 211.
Iroquois (HMS) **344**, 1417.
Iroquois (USS) **341**, 870. **443**, 31.
Cruise, 1889-90. R.B. Carney **433**, 351. **436**, 933.
Irresistible (HMS)
Photograph of the Irresistible while sinking **157**, 981.
Trials of guns and mounts **101**, 155.
Irvine, J. **299**, 83.
Irvine, R. **293**, 831.
Isaac Peral (Spanish sub): Photograph **169**, 609.
Isabel (U.S.): Yacht That Was a Destroyer (OldNav). J.D. Alden **778**, 156. **783**, 156.
Is America At Sea? A.H. Haag **308**, 891.
Isbrandtsen, H. **572**, 1137.
Isely, J.A.: Iwo Jima, Acme of Amphibious Assault **575**, 1.
Isenberg, M.T.
Book Review **852**, 99.
Patriotism: the Self-Evident Truths (Mason) (C&D) **832**, 103.
Isherwood, B.F.
See: Old Navy, Page from.
Air Refrigerating Machine **29**, 285.
Benjamin Franklin Isherwood. G.W. Dyson **462**, 1139.
Isherwood's Masterpiece. E.W. Sloan, III: **754**, 56.
Plan for Ship Modernization **412**, 866.
Isherwood (U.S.): See: Cover Pictures--July 1954.
Isherwood Shipbuilding System: Description **167**, 177.
Isis (ship) **265**, 450.
Islam, Force for East or West? R.S. Hibbs **620**, 1085.
Ismay, Sir H.L. **664**, 117.
Israel
Aftermath of the Elath. R.D. Colvin **800**, 60. **805**, 87.
Gulf of Aqaba and Strait of Tiran, Troubled Waters. C.G. Salans **790**, 54.
Gulf of Aqaba--Trigger for Conflict. M.W. Cagle **671**, 75. **674**, 107. **677**, 104.

Israel (Cont.)
Israel Building Missile-boats (Nbk) **842**, 118.
Israel Builds Base Near Egypt (Nbk) **789**, 157.
Israeli Armed Forces (IAF): Israeli Game Plan: Send in the Reserves (ProfNote). J.H. Daly, III: **862**, 106.
Israeli Fleet Outnumbered (Nbk) **813**, 103.
Israeli Missiles: Weapon Systems: Gabriel **881**, 101.
Israeli Navy. Reuben Porath **823**, 33.
Israeli Navy: 26 Years of Non-Peace. M.J. Miller, Jr. **864**, 48. **868**, 81.
Israeli Saar FPBs Pass Combat Test in Yom Kippur War (ProfNote). Shlomo Erell **859**, 115.
Israel to Open Ocean Study Unit (Nbk) **774**, 155.
New Light on the Liberty Attack (Nbk) **898**, 108.
Six-Day War of 1967. W.J. Kotsch **784**, 72. **787**, 113. **789**, 105.
Isthmian Canal Policy
An Engineer's Evaluation of. E.S. Randolph **638**, 395.
An Evaluation. Miles P. DuVal **625**, 263.
Italia (Italian battleship): Alterations to. **109**, 228.
Italian Ships, Lepanto, Steam Trials of. N. Soliani **51**, 561.
Italian Submarines and Their Bordeaux Base. Aldo Cocchia **664**, 37.
Italy
Aeronautics
Italian Aircraft in the War with Tripoli **142**, 803.
Italian Air Fleet in 1913: **149**, 268. **150**, 593.
Ajaccio's Military Importance **341**, 973.
Anzio Invasion, Naval Side of. F.J. Lowry **611**, 23.
Anzio: Red Shingle. T.C. Wyman **534**, 923.
Armament Figures **346**, 1712, 1721.
Army **208**, 984. **287**, 96. **292**, 701. **350**, 618. **351**, 769.
Cabinet Changes **355**, 1359.
Catholic Organizations Suspended **341**, 988.
Chamber of Deputies re Peace **352**, 927.
Delegates to London Conference **324**, 150.
Dry dock, Largest **355**, 1374.
Economic situation **272**, 1981.
Empire Planned? **276**, 380.
Europe Since Armistice. J.M. Creighton **221**, 1037.
Evolution of Great Powers. H.R. Stevens **587**, 69.
Facism **239**, 195. **274**, 2410. **304**, 518. **305**, 622. **346**, 1711.
Foreign Relations **238**, 2188. **288**, 216, 2572. **289**, 370. **291**, 613. **295**, 1009.
Giovanna, Princess, and King Boris III of Bulgaria Married **334**, 1158.
Good-will Visits **344**, 1429. **346**, 1729, 1731. **347**, 140.
The Italian Communists: Sixth Fleet Threat? N.H. Grosz, Jr. **896**, 24.
Italo-Franco-British Naval Conversations **346**, 1711.
Italo-Papal Relations **313**, 255. **342**, 1130. **343**, 1283. **344**, 1429.
James Shedden Palmer, Forgotten Protagonist of Risorgimento. C. Moran **443**, 31.
Japanese Military Mission to Italy in 1941. Giuseppe Fioravanzo **635**, 23.
Mussolini, B. **356**, 1527. **357**, 1676.
Naples Revisited (Pict.) **824**, 64.
Naval History
Andrea Doria: Soldier of the Sea. Brown Taylor **823**, 47.
The Italian-Turkish War, 1911-12, maps. W.H. Beehler, Tr. **142**, 721. **143**, 1069. **144**, 1549. **145**, 313.
Naval Policy
Balance of Power in the Mediterranean **150**, 550.
The Italian Navy, 1911: **139**, 1065.
The Papal Navy. C.H. Jenrich **727**, 74.
Peace in Adriatic. R.P. Stebbins **441**, 1617.
Policy, National **358**, 1830.
Salerno, Allied Navies at: Operation Avalanche--September 1943. H.K. Hewitt **607**, 959. **613**, 333.
Salerno, Allied Navies at (Pict.) **607**, 1006.
Shipping Subsidies Increased **342**, 1110.
Turkey Buys Airplanes from. **345**, 1583.
Vesuvius, Villainous. F.J. Nelson **503**, 35.
Italy--Navy
Andrea Doria, Caio Duilio, and Vittoria Veneto (ProfNote). Ubaldo Garagnani **788**, 138.
Attempts at Harbor Forcing during Last War. A.E. Sokol **467**, 37.
Construction **205**, 482. **229**, 503. **299**, 58. **301**, 237. **313**, 239. **318**, 723. **325**, 244. **328**, 548. **337**, 402. **343**, 1262. **345**, 1562. **347**, 113. **353**, 1076. **355**, 1374.
Destroyer Leader San Marco **675**, 104.
Duties of Chief of Staff, 1913: **149**, 229.
Italian Attack on the Alexandria Naval Base. L.D. de la Penne and Virgilio Spigai **636**, 125.
The Italian Fleet in 1913: **149**, 228. 1915: **157**, 926.
Italian Naval Academy (Pict.). Filippo Ferrari-Aggradi **679**, 89.
Italian Naval Assault Craft in Two World Wars. Virgilio Spigai **745**, 50. **753**, 116, 117, 118.
Italian Naval Policy Under Fascism. Romeo Bernotti **641**, 722.
Italian Navy in 1915: **158**, 1293.
Italian Navy--Part II (Pict.) **636**, 192.
Italian Strategy in the Mediterranean, 1940-43. Giuseppe Fioravanzo **667**, 65.
Italy's World War II Navy (Pict.) **629**, 812.
Naval Review, 1912: **145**, 383.
New Italian Cruiser (Nbk) **751**, 155.
Notes **206**, 649. **255**, 851. **265**, 504. **283**, 1834. **286**, 2637. **289**, 357. **292**, 699. **301**, 222. **306**, 692. **309**, 1003. **319**, 809. **331**, 858. **335**, 128. **342**, 1110. **344**, 1414. **345**, 1574. **349**, 457, 472, 476, 483. **350**, 618. **356**, 1526. **357**, 1677.
Personnel
Officers Restricted as to Marriage **144**, 1659.
Relative Rank, Naval and Army Officers **112**, 866.
Policy **237**, 1988. **252**, 320. **279**, 1033. **282**, 1603. **284**, 2153. **292**, 701. **318**, 722. **320**, 900.
Program **254**, 672. **294**, 888. **297**, 1233. **352**, 926.
1902-1903: **101**, 116. **102**, 362.
1904-1905: **110**, 449. **111**, 651. **112**, 863.
1905-1906: **113**, 231. **114**, 512.
1906-1907: **117**, 351. **118**, 725. **119**, 1138.
1907-1908: **120**, 1305. **121**, 411.
1908-1909: **125**, 344. **126**, 718. **127**, 974. **128**, 1295.
1909-1910: **133**, 279.
1910-1911: **137**, 304. **138**, 645.
1911-1912: **141**, 332. **142**, 766. **143**, 1136. **143**, 1138. **144**, 1658.
1912-1913: **145**, 383. **146**, 859. **148**, 1754.
1913-1914: **150**, 547, 549.
Royal Italian Naval Academy. R.S. Field **412**, 851.
Royal Italian Navy's Last Victory. M.A. Bragadin **651**, 479.
Sailing Gunroom for the Italian Navy (ProfNote) **710**, 137.
Sea Power and Italian Surrender. H. Richmond **492**, 137.
Ship Superstructure **449**, 1066. **450**, 1217.
Taranto--"ABC" Copenhagens Enemy. F.C. Acker **534**, 907. **537**, 1377.
Training Stations Consolidated at Leghorn, 1912: **145**, 383.
Vessels Building
1902: **101**, 115. **102**, 363. **103**, 651. **104**, 974.
1903: **105**, 273. **106**, 481. **107**, 757. **108**, 972.
1904: **109**, 228. **110**, 449. **111**, 651. **112**, 863.
1905: **113**, 229. **114**, 511. **115**, 722. **116**, 1004.
1906: **117**, 351. **118**, 725. **119**, 1138. **120**, 1600.
1907: **121**, 410. **122**, 867. **123**, 1305. **124**, 1523.
1908: **125**, 344. **126**, 718. **127**, 1064. **128**, 1333.
1909: **129**, 296. **130**, 590. **131**, 974. **132**, 1295.
1910: **133**, 279. **134**, 616. **135**, 882. **136**, 1171.
1911: **137**, 304. **138**, 645. **139**, 1065. **140**, 1437.
1912: **141**, 332. **142**, 766. **143**, 1135. **144**, 1655.
1913: **145**, 381. **146**, 856. **147**, 1348. **148**, 1754.
1914: **149**, 225. **150**, 484, 487, 547. **151**, 855. **152**, 1203. **153**, 1501. **154**, 1805.
1915: **155**, 190. **156**, 537. **157**, 936. **158**, 1293. **159**, 1646. **160**, 2026.
1916: **161**, 235. **162**, 573. **163**, 939. **164**, 1280. **165**, 1632. **166**, 1977.
1917: **167**, 144. **168**, 379. **169**, 565.
Vessels Lost, World War II: **521**, 1006.
Itasca (SS) **335**, 110.
Itasca (USCG cutter) **326**, 338.
Itchen (Br.): Loss of HMS Itchen **690**, 111.
It Happened in Bahia. R.S. Lawson **352**, 834.
Itsukushima (HIJMS) **337**, 400.
Ittel, W.H. **555**, 589.
Ivernia (SS): Sunk by Submarine **168**, 410.
Ives, A.P.: Generous With Himself (anec) **837**, 25.
Ives, E.C.: Portrait of Fleet Admiral Ernest J. King (C&D) **800**, 121.
Ivy, A.C. (joint author): See: Consolazio, W.V.
Iwami (Rus. battleship): Description **126**, 724.
Iwasaki (Japanese family): An Appreciation **114**, 531.
Iwo Jima
Name History **571**, 1028.
Target: Iwo. R.D. Heinl, Jr. **725**, 70. **729**, 102.
Iwo Jima (U.S.): See: New Nav.

J

J-3: See: Airships--United States.
J-4
See also: Airships--United States.
Teaching Old Dog New Tricks. C.S. Rounds **450**, 1153.
JL-12 (plane) **226**, 1972.
Jaap, J.A.: For the Record (anec) **847**, 75.
Jack, R.G. **481**, 413. **485**, 998.
Jackman, S.W. **641**, 773. **678**, 119. **698**, 104, 105. **700**, 101. **706**, 110.
Ripple Rock and the U.S. Navy (OldNav)

679, 152.
Royal Canadian Navy's Technical Training Plan (ProfNote) 706, 136.
Venture Plan; Training for Canadian Naval Officers (ProfNote) 714, 135.
Jackman, Sydney: Federal Navy's Missing Raft (OldNav) 691, 154.
Jack-of-All Trades, Wanted. E.M. Ashworth, Jr. 680, 63.
Jackson, B.R.
Dissidence Is Not a Virtue (Burke) (C&D) 882, 77.
Of Hosenoses, Stoofs, and Lefthanded Spads (O'Rourke) (C&D) 794, 122.
Jackson, C.V.: Mission to Murmansk 792, 82.
Jackson, Gen. T.J.: Stonewall Jackson from a Naval Viewpoint. C.B. Mayo 178, 2893.
Jackson, J.O.: Today: The Soviet Empire; Tomorrow: The Solar System 690, 51.
Jackson, J.P. 239, 117. 252, 252. 257, 1128.
Employment and Tactics of Aircraft in Naval Warfare (1921) 848, 78.
Employment of Aircraft in Naval Warfare 234, 1263. 236, 1779. 238, 2135. 239, 117.
Plea for Universal Service 168, 295.
Preparedness: a Vital Necessity 165, 1559.
Short Method of Finding Longitude at Sea 207, 739.
Tides and Tidal Currents in Bays 204, 193.
Jackson, L.L., Jr.: AUTEC and Inner Space (ProfNote) 787, 138.
Jackson, R.H. 295, 1042. 419, 107.
Loyalty 220, 877.
Seavey's Island Prison 90, 413.
Target Practice and the Training of Gun Captains. Hon. Mention, 1898: 86, 173.
Torpedo Craft: Types and Employment. Prize Essay, 1900: 93, 1.
Jackson, Richard H.
On our torpedo boat flotilla 106, 441.
Promotion, Present and Prospective 114, 401.
Jackson, Richard Harrison 826, 89. 830, 4.
Jackson, S.B.: Retardation of Weapons for Low Altitude Bombing (ProfNote) 784, 128.
Jackson, T.W.: A Look at the Nokolaev (Fisher) (C&D) 856, 99.
Jackson, W.B. 438, 1189.
Jacob Jones (U.S.) 411, 630.
Torpedoed 179, 167. 180, 433, 438.
Jacob Ruppert (U.S. SS) 396, 212.
Jacobs, G.R.: Soviet Canals (C&D) 778, 114.
Jacobs, I.: Flotilla Flagship 512, 1219.
Jacobs, L.R. 718, 111.
Jacobs, T.L.: Action to Avoid (anec) 685, 85.
Jacobs, V.F.G.: Port of Call 172, 298.
Jacobs, W.D. 700, 92.
Patience: Bedrock of Strategy in the 1960s (C&D) 747, 112.
Jacobs, W.F.
Merchant Marine Act of 1928: 341, 892.
Strength in Action 175, 2005.
Jacobsen, Commander
Sketches from the Spanish-American War 89, 11. 90, 383.
Jacobsen, K.C.
Stranger in the Crowd 859, 32. 863, 75.
Television and the War: The Small Picture 865, 54. 868, 82. 869, 80.
Jacona (ship) 330, 759.
Jaczko, R.J.: Reverse Procedure (anec) 698, 75.
Jaffee, Walt: The Indian Key Massacre (Dye) (C&D) 865, 75.
Jagareski, A.S.: Censorship on Island X 502, 1461.
Jahncke, E.L.
Battle of New Orleans 337, 293.
Naval Contributions to Industry 332, 888.
Jaime I (Spanish battleship)
Description 135, 890. 142, 776.
Description; plan 145, 390.
Launched 148, 1758.
Jalbert, H.H. 593, 795. 612, 218. 621, 1273.
Jamaica: New Navy Is Formed (Nbk) 728, 167.
James, D.V.
In Pursuit of Liberty 647, 1.
Oil for Troubled Waters (anec) 605, 757.
Perfect Squelch (anec) 604, 653.
Sell America 603, 523.
Shades of "Caine" (anec) 605, 771.
James, E.L.: French Program Extensive 284, 2151.
James, H.M.: Boiler Feed Pump--Forward March! (anec) 703, 65.
James, H.R., III: 714, 112.
James, J. 386, 567. 388, 858. 403, 1322.
Handy Aid to Navigator 386, 493.
Hints on Tactical Maneuvers 238, 2117.
James, Joshua--Lifesaver Nonpareil. A.E. Carlson 678, 81.
James, Jules: Convenient Method of Handling Steaming Data (illus.) 181, 585.
James, R.H. 319, 830. 467, 100.
James, R.K.: Ships of '73: 719, 95.
James, W.: Night Fighting at Sea by British Navy 496, 645.
James Adger (USS) 341, 871.
Jameson, C.G.: Charge! (anec) 781, 71.
Jamestown, 1607: See: Cover Pictures--May 1957.
Jamestown Tercentenary: See: Old Navy, Page from.
Jamison, J.W.
German Naval Strategy of World War 431, 38.
Medical Service in Amphibious Operations 587, 23.
Jampoler, A.C.A.: Some Implications of University Unrest (ProfNote) 797, 141. 801, 111.
Jane, Fred T.
Belleisle Gunnery Experiments 103, 728.
Death of F.T. Jane a Loss to British Navy 163, 936.
Naval War Game 107, 595.
Jane's Fighting Ships
See also: Book Reviews.
Bolander, L.H. 549, 1384.
Janigian, B.J. (co-author): See: J.E. Marsh.
Janis, M.W.: Freedom of the High Seas: An Impossibility? (ProfNote) 853, 112.
Janislawski, M.T.: Celestial Landfall by Single Position Line 491, 19.
Jan Mayen, J.R. Dyer 466, 1725.
Jannings, C.J.: Navy Medicine: A New Prescription (Flynn) (C&D) 828, 104.
Jansen, F. 335, 107. 388, 870. 423, 735, 738.
Are We Raising a Frankenstein? 329, 598.
Pratt Protractor and Plotting Scale 382, 1740, 1753.
Jantina (It.) 355, 1374.
Japan
See also: Nagasaki, Dropping Atomic Bomb on.
Adams, Will, Seaman and Samurai. R.M. McClintock 395, 49.
Administration of Former Japanese Mandated Islands. T.O. Clark 518, 511.
Aerial Defense, Japan's Homeland. B. Vogel 540, 175.
Aeronautics
Aviation School at Kure 200, 1780.
Development of Naval Aviation in Japan, 1913: 145, 386.
Monster Dirigible for Japan, 1912: 143, 1143.
Akiyama Saneyuki and the Emergence of Modern Japanese Naval Doctrine. M.R. Peattie 887, 60.
Araki, S. 353, 1078. 356, 1527.
Armament 345, 1570. 346, 1721. 348, 288. 355, 1393. 358, 1835, 1844.
Army-Policy... 203, 118. 207, 760. 272, 2015. 286, 2568. 289, 372. 343, 1263. 347, 122. 349, 432. 352, 929, 931. 353, 1080. 356, 1538. 357, 1679. 358, 1833, 1835.
Assassinations 351, 771. 352, 930, 942. 353, 1057, 1077.
Assignment in Japan. H. Salomon, Jr. 546, 973.
Balloon Barrage, Japan's Rambling. J.B. Penfold 534, 963.
Biddle, Perry, and Japan. R.A. von Doenhoff 765, 78.
Boei Daigakko: Academy de Luxe 658, 1334.
Books re Sino-Japanese Treaties 347, 139.
Cabinet Changes 326, 359. 335, 133. 340, 844. 344, 1431. 348, 306. 351, 752, 770. 354, 1225.
Checking Japanese Record. J.O. Vosseller 470, 515.
China 339, 701. 352, 928. 356, 1529.
Columbus and Vincennes (U.S.), Jeddo Bay, 1846: 428, 1428.
Commerce and Industry 202, 2077. 213, 1837. 272, 1983. 280, 1194. 346, 1720. 349, 435. 354, 1227. 356, 1529.
Current of Japan. H.G. Dresel, Tr. 61, 145.
Dailey, C.: Has Japan Become 2nd-Rate Power? 252, 285.
Defense 205, 446, 493. 232, 1024. 248, 1720.
Delegation to Geneva 345, 1579. 348, 299.
Diplomatic Struggle Which Preceded War Between Russia and Japan, 1904-05. D. Nikitin 477, 1591.
Disturbing Outlook in Orient. D.W. Knox 424, 797.
Domestic Affairs, Finance... 214, 2014. 218, 595, 635. 249, 1902. 350, 598. 352, 931.
Earthquake (1923): 249, 1902. 250, 2067, 2071. 252, 285. 253, 462, 464. 254, 645. 255, 818. 268, 889, 963.
East Wind Rain 633, 1198. 636, 202. 641, 769. 646, 1330.
Espionage
Foundation for War. F. Henry 488, 1335.
Japanese, and Our Psychology for Failure, F. Henry 483, 639.
Evolution of Great Powers. H.R. Stevens 587, 69.
Expansion 353, 1079. 354, 1209.
Explosive Industry in Japan 114, 524.
Fascism: Predicted 354, 1227. 356, 1528.
Fisheries 351, 773. 356, 1510, 1529.
Foreign Affairs 211, 1515. 257, 1177. 262, 2077.
Foreign Policy 204, 315. 208, 938. 211, 1583. 217, 420, 454. 237, 1999. 248, 1725. 289, 372. 293, 804. 306, 715. 354, 1225.
See also: Darrieus: War on the Sea 127, 851.
Japanese Foreign Policy as Stated by Viscount Motono 169, 623.
Foreign Relations 213, 1841. 220, 939, 942. 221, 1143. 222, 1293. 223, 1439, 1440. 248, 1701, 1719. 250, 2071. 264, 314. 272, 2021. 274, 2362, 2365. 277, 571. 283, 1903. 285, 2350. 305, 618. 307, 809. 344, 1431.

Japan (Cont.)
Foreign Relations (Cont.)
Japan and Kiaochau **155**, 239.
Japan's Differences with China, and Japanese Demands, 1916: **165**, 1730.
Forests Cover 60 per cent **354**, 1227.
Formosa, Japan's Southern Naval Bastion. J.K. Eyre, Jr. **481**, 321.
Fortified Areas and Aviators **356**, 1537.
France: Alliance with. **358**, 1831, 1843.
Germany: And Your Task, Dear Partner. R.M. Langdon **578**, 365.
Government **346**, 1712.
Government Iron and Steel Works at Wakamatsu **101**, 118.
Government of Japan
Rogers, F.F. **335**, 106.
Wentworth, R.S. **331**, 795.
Great Strangling of Japan. B. Vogel **537**, 1305.
Great Warrior's Last Sacrifice. J.M. Ellicott **403**, 1272.
Hell Divers (movie): Popular **356**, 1529.
History
Early American Visitors to Japan. Charles W. Stewart **116**, 945.
Early Days in Japan. A.C. Hansard **137**, 141.
East India squadron in the waters of...Japan: Early Voyages... C.O. Paullin **138**, 387.
Opening of Japan, 1851-1854: Early Voyages... C.O. Paullin **137**, 255.
Immigration Quota Expected **329**, 665.
Imperialism, Early, and Philippines. J.K. Eyre, Jr. **561**, 1267.
Imperial Powder Company **202**, 2077.
Industrial Progress of Japan, 1919, map **194**, 691.
In Lacquer and Silk. K.C. McIntosh **251**, 77.
Japan After Independence. K. Nomura **603**, 487.
Japan and Her Maritime Defense (NavRev). Hideo Sekino **819**, 98.
Japan: A Military "Papier-mâché Tiger" (C&D) **837**, 84.
Japan: A Strong Worthy Ally. R.M. Wood **684**, 79.
Japan--Buying U.S. Phantom Jets (Nbk) **796**, 156.
Japan, Present and Potential Military Power. S.S. Cordier **777**, 68.
Japanese Aggression
How Young We Were. P.B. Ryan **790**, 26. **795**, 108.
Panay Incident: Prelude to Pearl Harbor. H.J. Swanson **778**, 26. **783**, 111.
Japanese Air Attacks--World War II: The Pecos Died Hard. E.P. Abernethy **802**, 74.
Japanese Empire: Interlude in East Sais. H. Kublin **610**, 1349.
Japanese Institution of Naval Architects. Program of Meeting 1913: **150**, 551.
Japanese Maritime Self-Defense Forces
Court Rules Defense Forces Violate Japanese Constitution (C&D) **852**, 90.
Japanese Militarism. J.E. Auer **847**, 46. **851**, 80. **852**, 90.
New Ships of Japan's Maritime Self-Defense Force (ProfNote). Motoyoshi Hori **771**, 148.
Japanese Maritime Traffic Safety Law (ProfNote). G.D. Saunders **852**, 105.
Japanese Militarism. J.E. Auer **847**, 46. **851**, 80.
Japanese Military Mission to Italy in 1941. Giuseppe Fioravanzo **635**, 24.
Japanese Oil Imports: Indonesia's Archipelago Doctrine and Japan's Jugular. R.A. Miller **836**, 26. C&D: **847**, 94.
Japanese Ordnance **69**, 212.
Japanese Policy and Strategy in Mid-War. Louis Morton **672**, 52.
Japanese Prince (SS): Encounter with German Submarine **161**, 301.
Japanese Self-Defense Forces
Air Self-Defense Force **826**, 106.
Japan, Present and Potential Military Power. S.S. Cordier **777**, 68.
Japan and Her Maritime Defense (NavRev). Hideo Sekino **819**, 98.
Japan's Self-Defense Forces. Masatake Okumiya **754**, 26.
Maritime Self-Defense Force **826**, 106.
New Ships of Japan's Maritime Self-Defense Force (ProfNote). Motoyoshi Hori **771**, 148.
Japanese Situation. D.W. Knox **391**, 1277.
Japanese Treasure Hunt in Manila Bay. W.L. Marshall **661**, 37.
Japan's Defense Dilemma (C&D) **856**, 100.
Japan Sea, Battle of. See: Tsushima, Battle of.
Japan's Naval Air Strength (ProfNote). Masataka Okumiya **826**, 106.
Japan's Naval Defeat. Toshiyuki Yokoi **692**, 68.
Japan's Nightmare--Mine Blockade. A.S. Lott **681**, 39.
Japan's Rising Sun. E.M. Eller **425**, 949.
Japan, South Sea Islands, and China **166**, 2083.
See also: China.
Japan's Taiwan Dilemma. J.Z. Reday **829**, 49.
Japan's View of Korea. H.E. McCracken, Jr. **828**, 41.
Japan's Wartime Hocus-Pocus. B. Vogel **542**, 417.
Japan to Have Minesweeping Helicopter Squadron by 1972 (Nbk) **809**, 132.
Japan-U.S. Relations Discussed With Eyes Toward China (Nbk) **828**, 122.
Korea and Japan: Neighbor's Keepers? Hyman Kublin **632**, 1085.
Kuga: Suicide **352**, 927.
League of nations **351**, 773. **353**, 1078. **356**, 1511.
Lessons of an Undeclared War. Masatake Okumiya **838**, 25.
London Naval Treaty **327**, 461. **333**, 1054. **352**, 944.
Manchukuo Recognized **357**, 1658.
Mandated Islands, Japanese Expansion Toward. J.K. Eyre, Jr. **501**, 1321.
Mandate in Southwestern Pacific. E.G. Campbell **472**, 829.
Martello-like Towers (C&D) **850**, 94.
Misinterpretation of Events **358**, 1832, 1843.
Mission **356**, 1527.
Mistaken War. T. Fukuda **790**, 42.
Mongol Armada. G. Howell **414**, 1147. **418**, 1778.
Munition-plant Activity **356**, 1529.
Mutiny of Young Army Officers **347**, 122. **352**, 931.
New Far East Doctrine. C.C. Gill **235**, 1479.
New Japanese-American Treaty. A.C. Miller, Jr. **696**, 46.
Notes on Asiatic Cruise. F.J. Nelson **397**, 390.
Occupation: Success of Mission. A. Van Benschoten **531**, 529.
Oil and the New Japan. J.Z. Reday **671**, 61.
Our Dilemma in Japan. M.E. Holbrook **563**, 23.
Patriotic Reader. H. Togo **358**, 1835.
Pearl Harbor
Did Japanese Win At? J.P. Cranwell **496**, 661.
Diplomatic Prelude to. B. Vogel **554**, 415.
Inside Story of. R.E. Ward **586**, 1271.
Perry, M.C.: Opening of Japan (Pict) **605**, 773, 815.
Perry's Landing **553**, 355.
Philippine Conquest, Notes on Japanese Preparations for. T.W. Davison **520**, 793.
Philippine Invasion, Japanese View of Their. (Pict) **565**, 317.
Philippine Mandate **339**, 700.
Photographing the Surrender Aboard the USS Missouri. Bertram Kalisch **630**, 866.
Policy and Strategy in Mid-War, Japanese. Louis Morton **672**, 52.
Political Unrest **351**, 770. **352**, 928, 830.
Population and Land **355**, 1377.
Propaganda de Luxe. A.R. McCracken **548**, 1235. **553**, 355.
Revolt at Night. H.R. Johansen **494**, 433.
Ronin (wave men) **345**, 1569. **355**, 1375.
Russia, Relations with. **348**, 288. **349**, 435. **350**, 619. **351**, 773, 775, 905. **352**, 928, 931. **353**, 1081, 1093. **354**, 1226, 1227, 1241, 1510. **356**, 1528. **358**, 1835.
Russia, Significance to, of Japan's Collapse as World Power. H.H. Goodwin **538**, 1425.
Russo-Japanese Relations, Early. H.H. Smith-Hutton **433**, 328.
Sailing School Ships of Japan. J. MacMullen **435**, 669.
Saito, M.: Premier **353**, 1078.
Schools and Radicalism **358**, 1835.
Seaplane, Japan Builds a. (ProfNote). R.A. Hoffman **780**, 124.
Sea Power and Growth of Japanese Imperialism. J.K. Eyre, Jr. **485**, 977.
Sea Power and Japanese Empire. R.C. Smith, III: **525**, 1441. **530**, 452.
Searchlight, 4,000,000 c.p. **354**, 1227.
Shattering myth of Japanese Invincibility. J.K. Eyre, Jr. **508**, 667.
Shimonoseki, Wyoming (U.S.) **477**, 1546.
Shimonoseki on Air Line **356**, 1537.
Shintoism, Menace of. J.R. Young **542**, 463.
Ships Purchased for Scrapping **351**, 775.
Signatories 9-power treaty **349**, 426, 446. **350**, 620.
Some Notes on Japan. B. Vogel **519**, 705.
Soshi (political rowdies) **345**, 1569. **355**, 1375.
Soviet Operations in the War with Japan. R.L. Garthoff **759**, 50. **763**, 122.
Starvation Exists **354**, 1227.
Steel Scrap Purchased **352**, 931.
Stepping-Stones to War. K. Nomura **583**, 927.
Strength and Weakness in Asian Littoral. P.B. Brannen **670**, 68.
Surrender of Japan. Robert J.C. Butow **630**, 853.
Sword, Japanese. F.D. McCorkle **598**, 1354.
Task Before Us. R.C.D. Hunt, Jr. **484**, 855.
Telegraphy's First Asiatic Cruise. R.H. Gibbs **374**, 495.
Terrorists **345**, 1569. **355**, 1375.
Threat to Japan: Pre-War Incident in Philippines. R.O. Davis **522**, 1043. **528**, 203.
Trade, World, Japan's Drive for. D.W. Knox **380**, 1414.
United States **268**, 963. **344**, 1414. **346**, 1713. **347**, 149. **350**, 598, 607. **351**, 772. **352**, 927. **353**, 1079. **356**, 1528, 1539. **357**, 1677. **358**, 1834.
U.S. Navy and First Japanese Mission to United States. W.L. Sachse **507**, 531.
United States Navy in Japan, 1945-1950. M.D. Ingram **590**, 379.
Vice Admiral Chuichi Hara, Unforgettable

Foe. Donald Bartlett **812**, 49. **816**, 84. **827**, 89.
War, Japanese Decision for. L. Morton **622**, 1325.
War Books: Best Sellers **355**, 1375.
War Expenses: Comments re **354**, 1226.
War or Fighting? **346**, 1707.
Wealth Distribution **345**, 1570.
What of Japan? Joseph Z. Reday **629**, 751.
When Japan's Relapse Began. J.M. Ellicott **486**, 1069.
When Navy Landed in Japan. F.H. Brumby, Jr. **608**, 1120.
Wind's Code—1941: **641**, 769.
Yokosuka 1865-1965 (Pict). J.S. Jones **754**, 95.
Wyoming at Shimonoseki **356**, 1464.
Japan—Merchant Marine
Japan's Shipping Delayed in China (Nbk) **770**, 159.
Lost Merchant Fleet of Japan. S.A. Wheeler **646**, 1295.
Merchant Marine History. H.A. McCormick **401**, 1007.
Japan—Navy
See also: Kamikaze; Kiska, Mysterious Withdrawal from.
Admiral Who Lost His Fleet. T. Wilds **585**, 1175. **605**, 784. **608**, 1131.
"...And Sank Same!" H.F. Cope **521**, 953.
Anti-Submarine Warfare, Why Japan's, Failed. A. Oi **592**, 587.
Boats of Japanese Landing Force. R.C.D. Hunt, Jr. **477**, 1528.
Budget **254**, 645. **286**, 2566. **289**, 372. **290**, 475. **305**, 601. **335**, 133. **343**, 1263. **346**, 1712. **358**, 1833, 1843.
Capital Ships. W.H. Morgan **485**, 959.
Compared with Foreign **348**, 283. **355**, 1367, 1371. **357**, 1668, 1670.
Condition of Japanese Navy
1902: **103**, 653.
1903: **108**, 991.
1904: **109**, 230.
1907: **127**, 1065.
1909: **130**, 590.
1911: **138**, 647.
Construction **205**, 446. **227**, 109. **229**, 466. **230**, 655. **234**, 1405. **253**, 462. **268**, 1070. **284**, 2098. **301**, 236. **313**, 239. **325**, 242. **335**, 114. **337**, 400. **341**, 974. **343**, 1262. **344**, 1415. **345**, 1562. **346**, 1707. **347**, 113. **350**, 618. **355**, 1377. **356**, 1528.
Design and Construction of Yamato and Musashi. K. Matsumoto and M. Chihaya **608**, 1103. **613**, 334.
Enomoto, Admiral, and Imperial Restoration. H. Kublin **602**, 409.
Etajima, Japanese Naval Academy. T.E. Flynn **490**, 1597.
Failure of Japanese Convoy Escort. Y. Horie **644**, 1073.
Fledgling Japanese Naval Air Force (ProfNote) **660**, 138.
For Sugar Boats or Submarines? Masatake Okumiya **786**, 66. **789**, 108.
Hawaii Operation. Shigeru Fukudome **634**, 1315.
Heavy Cruisers in War. W.S. Howard **567**, 533.
Hiyō Meets Trigger, Unlucky in June. E.L. Beach **650**, 376.
I Bombed the U.S.A. Nobuo Fujita and J.D. Harrington **700**, 64. **707**, 114.
I Sank the Yorktown at Midway. Yahachi Tanabe with Joseph D. Harrington **723**, 58.
Japanese Carriers (Pict) **631**, 1038.
Japanese Destroyers in World War II. W.S. Howard **587**, 51.
Japanese-German Naval Collaboration in World War II. J.W. Masland **552**, 179.
Japanese Imperialism and Aguinaldo Insurrection. J.K. Eyre, Jr. **558**, 901.
Japanese "Long Lance" Torpedoes **664**, 106.
Japanese Naval Air Operations in the Philippines Invasion. Koichi Shimada **623**, 1. **631**, 1048.
Japanese Naval Expansion, 1918: **183**, 1067.
Japanese Naval Rearmament. W.E. Strope **640**, 575.
Japanese Naval Reserve. H.J. Ziegemeier **147**, 907.
Japanese Naval Scandals, 1913: **151**, 858.
Japanese Navy in 1912: **145**, 384.
Japanese Navy Tells Its Story. E.B. Potter **528**, 137.
Japanese Navy to Discontinue Building Destroyers? **146**, 862. **148**, 1757.
Japanese Sea Power. J.F. Meigs **492**, 121.
Japanese Students at U.S. Naval Academy. J.M. Ellicott **529**, 303.
Japanese Submarine Tactics. Kennosuke Torisu and Masataka Chihaya **696**, 78.
Japan's Losing Struggle for Guadalcanal (Parts I & II). Raizo Tanaka **641**, 687. **642**, 815.
Japan's Naval Defeat. Toshiyuki Yokoi **692**, 68.
Japan's Wartime Carrier Construction. Hajime Fukaya **631**, 1031.
Kaiten—Japan's Human Torpedoes. Yutaka Yokota and J.D. Harrington **707**, 55. **713**, 118, 119.
Kongos in World War II: **555**, 589.
Howard, W.S. **549**, 1401.
Lessons Learned at Shanghai in 1932. H.H. Smith-Hutton **426**, 1167.
Maneuvers **346**, 1713. **357**, 1686.
Mikasa: Japan's Memorial Battleship (Pict). W.M. Powers **878**, 69. **881**, 83. **882**, 80.
Mogamis: Cheat Cruisers Extraordinary. W.S. Howard **561**, 1229.
Naval Academy. A.M. Bledsoe **553**, 329.
Naval Aviation
Japanese Naval Aviation. Toshikazu Ohmae and Roger Pineau **838**, 68. C&D: **847**, 95.
Japan's Naval Air Arm (ProfNote). John Fricker **738**, 149.
Naval Expansion of Japan and Russia **84**, 766.
Naval History
See also: Russo-Japanese War.
Capture of Wei-haiwei, and the Japanese War in 1895, maps. W.L. Rodgers **113**, 97.
War with China: War on the Sea. Darrieus **125**, 196.
Naval Policy: Review of Japanese Naval Financial Policy, 1868-1911. W.H. Beehler, Tr. **139**, 801.
Naval Technical Mission to Japan. W. Slocum **551**, 1.
Naval War College: See: Luce, S.B. **135**, 668.
Navy League of Japan. H.H. Smith-Hutton **408**, 191.
Notes **202**, 2079. **208**, 938. **221**, 1105. **224**, 1631. **231**, 818. **235**, 1574. **236**, 1826. **239**, 156. **240**, 338. **242**, 683. **243**, 863. **246**, 1372. **247**, 1510. **250**, 2072. **252**, 266. **253**, 462, 464. **255**, 818, 821. **256**, 987, 1027. **259**, 1535. **260**, 1721. **264**, 306, 318. **284**, 2101. **286**, 2570. **294**, 887. **299**, 55. **300**, 146. **309**, 1003. **344**, 1418. **345**, 1574. **347**, 122. **352**, 931. **355**, 1394. **358**, 1835.
Parity **344**, 1415. **346**, 1713.
Pearl Harbor, I Led Air Attack on. M. Fuchida **595**, 939.
Personnel
Ages of High Officers in 1910: **135**, 883.
Army Officers Transferred to Navy **102**, 366.
Retiring Ages of Japanese Officers, 1914: **150**, 551.
Strength of Commissioned Personnel, 1907: **121**, 414.
Personnel Notes **346**, 1717. **348**, 291. **350**, 618. **351**, 775. **355**, 1377.
Policy **203**, 113. **218**, 595. **225**, 1812, 1848. **233**, 1201. **234**, 1407. **235**, 1575. **243**, 811. **245**, 1214. **248**, 1720. **249**, 1899. **250**, 2067. **259**, 1538. **261**, 1884, 1887. **263**, 119. **265**, 472, 474. **270**, 1511, 1514. **275**, 135. **276**, 340. **281**, 1409. **282**, 1601. **291**, 595. **298**, 1326. **299**, 55.
Program **202**, 2076. **203**, 118. **204**, 276. **207**, 762. **209**, 1119. **212**, 1659. **214**, 2014. **216**, 262. **218**, 596. **221**, 1104. **226**, 1959. **232**, 1023. **235**, 1575. **238**, 2161. **240**, 336. **251**, 111. **254**, 672. **260**, 1723. **264**, 301. **287**, 94. **300**, 146. **321**, 992. **344**, 1415. **354**, 1226.
1904: **109**, 229.
1905: **113**, 231.
1907: **121**, 414. **123**, 1306.
1908: **125**, 347. **127**, 1065.
1909: **132**, 1295.
1910: **134**, 617. **136**, 1173.
1911: **138**, 647. **139**, 1067. **140**, 1440.
1912: **141**, 334. **142**, 771. **144**, 1660.
1913: **146**, 862. **148**, 1756.
1914: **149**, 233. **150**, 479. **152**, 1204.
1916: **161**, 236. **162**, 573. **165**, 1633.
Promotion of Officers. M. Radom **415**, 1297. **429**, 1643.
Rendezvous in Reverse. E.T. Layton **603**, 478. **606**, 897.
Savo Island, Battle of. Toshikazu Ohmae **658**, 1263.
Shinano: Jinx Carrier. L.L. Moore **600**, 142.
Shipbuilding: Dragon Puts to Sea. W.S. Howard **582**, 831.
Ship Names **349**, 467.
Ship Strength **349**, 457, 476-83.
Shokakus—Pearl Harbor to Leyte Gulf. H. Fukaya. (M.E. Holbrook, Ed.) **592**, 638.
Sinking the Haguro. H.E. Horan **683**, 39.
Strategy, Japanese Naval. S.T. Possony **495**, 515.
Strength of the Navy, 1919: **194**, 655. (For comparative statistics, See: Navies).
Submarine Developments, Three Japanese. H. Fukaya. (M.E. Holbrook, Ed.) **594**, 863.
Those Mysterious Midgets. A.J. Stewart **862**, 54. C&D: **866**, 86, 87. **868**, 83.
Thoughts on Japan's Naval Defeat **698**, 109.
Togo, H.: Passing of Togo. C.L. Lewis **384**, 229.
Top Secret Assignment. Takeo Yoshikawa and Norman Stanford **694**, 27.
Treachery, Naval, Background to Japanese, in Pacific. J.K. Eyre, Jr. **497**, 875.
24 Sentai—Japan's Commerce Raiders. E.T. Layton **880**, 53.
Vessels Building
1902: **101**, 118. **102**, 364. **104**, 975.
1903: **105**, 274. **106**, 487. **107**, 757. **108**, 983.
1904: **109**, 229. **110**, 449. **111**, 645. **112**, 867.
1905: **113**, 231. **114**, 513. **116**, 1005.
1906: **117**, 352. **118**, 725. **119**, 1138. **120**, 1601.
1907: **121**, 412. **122**, 868. **123**, 1305. **124**, 1524.

Japan--Navy (Cont.)
Vessels Building (Cont.)
1908: **125**, 346. **126**, 722. **127**, 1065. **128**, 1333.
1909: **129**, 297. **130**, 590. **131**, 974. **132**, 1295.
1910: **133**, 280. **134**, 617. **135**, 883. **136**, 1173.
1911: **137**, 305. **138**, 646. **139**, 1067. **140**, 1440.
1912: **141**, 334. **142**, 770. **143**, 1139. **144**, 1659.
1913: **145**, 383. **146**, 860. **147**, 1350. **148**, 1756.
1914: **149**, 233. **150**, 482, 487, 550. **151**, 856. **152**, 1204. **153**, 1501. **154**, 1806.
1915: **155**, 191. **156**, 538. **157**, 927. **158**, 1295. **159**, 1646. **160**, 2027.
1916: **161**, 235. **162**, 573. **163**, 940. **164**, 1280. **165**, 1633. **166**, 1977.
1917: **167**, 145. **168**, 379. **169**, 565.
1919: **199**, 1622.
Yamato, End of. M. Yoshida **588**, 117.
Yards, Stations and Bases
Abandonment of Togo's Base at Takeshiki **143**, 1144.
Government Shipyards in Japan, 1897-1907: **124**, 1524.
Labor Troubles in Japanese Shipyards, 1912: **143**, 1144.
Yi-Sun Sin Defeated Japan at Sea. R.C. Smith, III: **496**, 691.
Yokosuka Naval Air Base and Japanese Naval Aviation. C.R. Stokes and T. Darling **541**, 339.
Japan--Shipbuilding
Japanese Automate Shipyards (Nbk) **795**, 158.
Japanese Begin Study of Million-Ton Tanker (Nbk) **812**, 104.
Japan's Phenomenal Shipbuilders. S. Nakayama and M. Chihaya **762**, 26.
New Yard to Build Biggest Ship (Nbk) **746**, 146.
Shipbuilding Technology in Japan (ProfNote). Sadayoshi Nakayama and Masataka Chihaya **787**, 140.
Submersible, Japan Builds a Research (Nbk) **781**, 147.
Japan--War Criminals: "Satisfactory" Not Enough. H.B. Say **737**, 82. **741**, 111.
Jaques, W.H.
Armor and Heavy Ordnance **80**, 795.
The Armor Plate Question, 1894: **72**, 827.
Description of the Works of the Bethlehem Iron Company **51**, 531.
The Establishment of Steel Gun Factories in the United States (375 pages). **31**, 531-906.
The Fryer Buoyant Propeller **21**, 401.
Present Development of Heavy Ordnance in the United States (Rev) **68**, 521.
Wire-Wound Guns **68**, 486.
Jardim, W.: Ways of Genius (anec) **803**, 33.
Jarnagin, R.B.: Metrology in the Navy (ProfNote) **723**, 142.
Jarramas (Swed) **418**, 1722.
Jarrell, A.E. **623**, 95, 96, 100, 102. **702**, 110.
Lessons Learned from the Hump **690**, 79.
Lessons of Vietnam (Greenbacker) (C&D) **851**, 73.
Vanishing American Naval Officer **619**, 969.
Jarrell, H.T. **615**, 573. **617**, 808. **618**, 930. **624**, 217.
Jarrett, H.B. **488**, 1361.
Jarvis, James: American Navigators... and the Yankee Midshipmen. T.G. Ford **119**, 893.
Jarvis (U.S.): Destroyer that Vanished. J.C. Shaw **564**, 119.
Jason (USS) **347**, 123.
Jasper, W.J. **681**, 100.
Jasperson, R.E. **445**, 416. **455**, 100. **494**, 447. **659**, 94.
Joint author: See: P.V.H. Weems.
Let Us Not Drop Perpendicular **362**, 555.
Supplement to Nautical Almanac **442**, 1698, 1775. **446**, 566.
Jaster, H.F.: Light Attack Aircraft (ProfNote) **700**, 119.
Jaurequiberry (Fr. battleship): Torpedo Airflask Explosion **101**, 163. **102**, 320. **115**, 730.
Javary (Brazilian monitor): Description **147**, 1322.
Java Sea, Battle of.
Battle of Java Sea. W.P. Mack **486**, 1052.
Galloping Ghost. W.G. Winslow **552**, 155. **556**, 709.
Memorable Naval Battle. J.K. Eyre, Jr. **482**, 516.
Jayne, J.L.: Naval "pooh-bah" **244**, 983.
Jaynes, B.S.: Don't Envy the Enemy (C&D) **768**, 114.
Jean Bart (French battleship)
Attacked by Submarine **156**, 654.
Description **145**, 367.
Description, deck plan **135**, 860.
Illustration **147**, 1321.
Illustration, description **147**, 1325.
Jean Bart's Escape to Safety. Isiah Olch **644**, 1055.
Plan **142**, 753.
Trials **146**, 842.
Jean-de-Vienne (Fr) **348**, 286, 290. **350**, 616, 617. **351**, 768. **352**, 924. **355**, 1373.
Jeanne d'Arc (Fr) **326**, 341. **336**, 256. **337**, 401. **339**, 680. **346**, 1717. **352**, 924. **356**, 1525.
New Jeanne d'Arc (ProfNote). Pierre Clement **740**, 123.
Trials **102**, 320. **105**, 245. **110**, 432.
Jeannette Monument Address. J.R. Soley **55**, 569.
Jeannette (USS) **339**, 662.
See also: Polar Exploration.
The Cruise of the Alliance in Search of the Jeannette. C.P. Perkins **35**, 701.
Search for the Jeannette **148**, 1502.
Jeffers, W.N.: The Armament of Our Ships of War **1**, 105.
Jeffers, W.N., Tr.
Bernotti, Romeo: The Day Torpedo Boat Attack **152**, 1155.
Vannutelli, L.: Employment of Torpedo Vessels in Night Search **155**, 89.
Jefferson, Thomas: Jefferson's Plans for Mothballing the Frigates. P.F. Norton **641**, 737.
Jeffery, R.E. **630**, 941.
Jeffrey, E.J.: Ball of Fire (anec) **610**, 1303.
Jeffries, B.J.: Color Blindness, Lecture on... **11**, 37.
Jeffries, W.W. **497**, 897. **500**, 1268. **501**, 1396. **504**, 217. **507**, 560. **521**, 974. **547**, 1166. **564**, 214. **589**, 329. **597**, 1265. **619**, 1052.
Jellicoe, E. **395**, 117.
Jellicoe, J.R.
Jutland **264**, 289. **292**, 736.
Lord Jellicoe's Case. Arthur Pollen **194**, 651.
Search at Sea **164**, 1378.
Sketch of Career **153**, 1492.
Submarine Situation **175**, 2151.
Jemtchug (Russian cruiser): Loss of the Jemtchug **162**, 675.
Jena (French Battleship): See: Iena (French Battleship).
Jenkins, (Capt.) **343**, 1193.
Jenkins, C.F.: Radio Vision **273**, 2150.
Jenkins, E.H.: Harmony **256**, 939.
Jenkins, F.W.: A Proposed Method of Ranging Guns **39**, 477.
Jenkins, G.J. **690**, 114.
Jenkins, H.W.: Laser: The Light Fantastic (Stehling) (C&D) **851**, 74.
Jenkins, J.C.: Liquidation of Merchant Fleet Corporation **338**, 543.
Jenkins, J.E.: Replenishment at Space (ProfNote) **679**, 133.
Jenkins, P.H. **460**, 859, 861.
Jenkins, T.H.: Ship Classification--Time for Overhaul (O'Neil) (C&D) **837**, 93.
Jenkins, Thornton A.: The Unmailed Memorandum (OldNav). Helen Orlob **853**, 84.
Jenkins, W.O. **203**, 148.
Jenkins, W.T. **615**, 579.
Navigational Aids Are as You Find Them (anec) **586**, 1317.
Jenks, S.M.: Navigating Under the North Pole Icecap **670**, 62.
Jennings, J.S.: Down the Scuppers (anec) **631**, 1003.
Jennings (SS): Torpedoed **187**, 2203.
Jenrich, C.H.
An Error in Flags (OldNav) **779**, 138.
Old Jersey Prison Ship (OldNav) **720**, 168.
The Papal Navy **727**, 74. **733**, 115.
Jensen, W.L.: Helicopters in Antisubmarine Warfare **725**, 36.
Jepson, C.F.: Future of Battleship-two French Opinions **309**, 1017.
Jerauld, P.E.: Sea of Matrimony **757**, 93.
Jermain, R.L.: Credit to His Ship (anec) **647**, 31.
Jersey (Eng.): See: Old Navy. Old Jersey Prison Ship.
Jersey (Prison ship) **306**, 647.
Jervis, J. **325**, 226.
Jesse, W.L.
Expansion of the Military Mind **856**, 24.
The New Military Professional **863**, 25. **868**, 84.
Jessen, S.K.: Authority: The Weakened Link (Dean) (C&D) **830**, 101.
Jessop, C.H. **366**, 1189.
Jessop, E.P. **209**, 1097.
An Amazing Demonstration of Water as Fuel **397**, 385. **420**, 252.
Failure at Gallipoli **384**, 191.
Officers for Shore Duty Only **226**, 1885. **230**, 636.
Repair Ships, Advance Bases, and Fleet Mobility in War Time **354**, 1138.
Searchlight Barrage in Night Landings **400**, 839.
Soul of Service **217**, 351.
Jet Attack, Heavy vs. Light. J.F. Anthony **670**, 92.
Jet Propulsion and Rockets, Introduction to. **524**, 1384.
Jett, G.H. **382**, 1755.
Jewell, T.F.: Deep-sea Soundings **4**, 37.
Jewett, E.L.: In VS, the Enemy Has Been Found and the Enemy Is Us (Chappell) (C&D) **889**, 78.
Jewett, G.W., Jr., and J.P. Fleet: San Francisco Bar (ProfNote) **687**, 123.
Jewish Lay Leader and I (OldNav) **878**, 66.
Jiannas, J.S.E.: Naval Advisor Vietnam (Staff) (C&D) **799**, 102.
Jiménez, Alberto **647**, 89.
Fishing Fleet and Fisheries of Perú (ProfNote) **730**, 148. **736**, 116.
Latin American Naval Lessons **697**, 94.
Jiu-Jitsu: Pleas for Physical Exercise in the Navy. A.P. Niblack **129**, 74.
Job, The: J.O. Hoffman **237**, 1915. **242**, 664.
Joerg, R.C., III: **663**, 120. **676**, 122.
Joffre, Joseph J.C.: Title of Marshal of France Revived for Joffre **168**, 422.
Johannesen, W.A.

No Problems Under Those Circumstances (anec) 720, 93.
Johansen, H.R.: Revolt at Night 494, 433.
Johe, R.E.
ABM: The High Cost of Living (C&D) 779, 100.
Moonlighting Toward a Master's (Goad) (C&D) 796, 113.
USMER: Following the U.S. "Flags" (ProfNote) 886, 102.
John Adams (USS)
See also: Farenholt, A. 128, 1279.
Cruise to Orient, 1838-40: 136, 1073.
John A. Bole (U.S.): See: Overhaul for the USS John A. Bole.
John A. MacDonald (Can.): See: Across the Top. V.F. Keith.
John D. Ford (U.S.) 483, 669.
John F. Kennedy (U.S.) 882, 100.
See also: Precommissioning--A Better Way?
John Harvey (U.S.): The Bari Incident. D.M. Saunders 775, 35. C&D: 779, 101.
John Henderson (sailing ship) 437, 1086.
John S. McCain (U.S.):
See also: Cover Pictures--January 1960.
USS John S. McCain (DL-3). L.J. Rhoades 683, 152.
Johns, C.M.: Work Study Groups: Trouble Shooters of the Fleet 729, 52. 737, 113.
Johns Hopkins--Applied Research Laboratory: Navy and Applied Physics Laboratory. B.S. Walker 732, 44.
Johns Hopkins University Applied Physics Laboratory 552, 189.
Johnson, A. 254, 601.
Johnson, A.K.: National Strength Through National Service (Alden) (C&D) 803, 97.
Johnson, A.M. 684, 108.
Battleship Maine and Pier 46, East River (OldNav) 633, 1295.
Joint author: See: Mustapha Burchis.
Genesis of a Navy Yard 631, 993.
Theodore Roosevelt and the Navy 668, 76.
USS Delaware: "The Skeered o' Nothin'" (OldNav) 654, 918.
Johnson, A.W. 208, 904. 671, 108.
Aviation in Coast Defense 271, 1653.
United Air Service 259, 1422.
Johnson, B.K. 416, 1478.
Johnson, Bruce: Dolphins: Like an Arrow They Fly Through the Sea (C&D) 755, 115.
Johnson, C.D.: Biological/Chemical Warfare Challenge (C&D) 757, 118.
Johnson, C.H.: Tactical Development in the Fleet (Smith) (C&D) 883, 76.
Johnson, D.A.: Some Thoughts on Ship's Boats in the Navy (Taylor) (C&D) 860, 83.
Johnson, E.C. (photog.): Marines at Twenty-nine Palms--March 1966 Cover.
Johnson, E.L.: Can Sweden Defend Herself? (C&D) 782, 95.
Johnson, E.R.: Commercial Importance of Panama Canal, 1912: 148, 1407.
Johnson, E.R.F. 584, 1106.
Johnson, F.L.
Another Route to Pacific 297, 1196.
Asiatic Station 351, 697.
Naval Activities on Yangtse 290, 506.
Johnson, G.A.: John Paul Jones, Strategist and Tactician 305, 539.
Johnson, G.L. 568, 677.
Johnson, G.W.: Commercial Communications Systems and National Defense 390, 1113.
Johnson, H. 340, 842.
Johnson, I.: Shamrock's Voyage to Europe 335, 140.
Johnson, I.E.: Radial Double Hang Recovery Method (Cummins) (C&D) 799, 111.
Johnson, J.G. 381, 1615. 388, 868.
Johnson, J.H.
Pacific Coast Tuna Fleet 736, 56.
Trends in World and Domestic Fisheries 820, 25.
Johnson, J.N. 462, 1163.
Johnson, J.O.
Do You Need a Security Clearance? (ProfNote) 748, 140.
One Staff Too Many? (C&D) 735, 114.
Johnson, J.R.:
See also: Matt Hensley (nom de plume).
Communication Organization 335, 81.
Radio Competitions 329, 626.
Johnson, J.W.: Naval Medical Officer as a Naval War College Student (C&D) 845, 90.
Johnson, L.A.: 1200-Pounders: Prognosis Guarded (Felger) (C&D) 858, 91.
Johnson, L.W. 596, 1141.
An Adventure in Disaster Relief 535, 1045.
Cancer Begins at Forty 385, 329.
Cold Day When Mercury Went Down (anec) 565, 255.
Dark Side of Sanitation 548, 1217. 551, 97.
Education for Retirement 481, 387.
Fleet Hospital Ship 415, 1225. 419, 97.
Guam--Before December 1941: 473, 991.
Million Seamen Were Slain 584, 1029. 588, 198.
Sanitation Hoomalimali 501, 1381.
When T.R. Streamlined Officers 598, 1310. 602, 439. 609, 1251.
Yellow Jack, Master of Strategy 572, 1075. 577, 321. 579, 539. 583, 989.
Johnson, Louis 849, 86.
Johnson, Louis A. 852, 94.
Johnson, Marion: NROTC: Quo Vadis? (Bouffard) (C&D) 897, 82.
Johnson, N.T.
Book Reviews 601, 323. 607, 1025. 610, 1371. 619, 1047.
Footnote to the History of China 623, 63. 625, 336.
Ten Books on China 624, 219.
Johnson, R.E.
Bennington Disaster (Strobel) (C&D) 798, 112.
Cruise of the Macedonian 730, 72.
Cruise of the Neversink (Thomas) (C&D) 806, 97.
A Long Chase (OldNav) 671, 144.
Russia's Fictitious Naval Tradition (Rollins) (C&D) 844, 93.
Johnson, R.H. 466, 1765.
Channel Fever 490, 1547.
Spirit of Commodore Perry (anec) 579, 471.
Johnson, R.W.: Moonlighting Toward a Master's (Goad) (C&D) 801, 126.
Johnson, T. 484, 794.
Johnson, T.L.: Ship Acquisition: The Lost Generation 837, 26. 841, 94.
Johnson, Thomas: The Non-Volunteer Navy (OldNav). W.M. Fowler, Jr. 858, 74.
Johnson, Thomas L.
See also: Correction 165, 1623.
The Battlecruiser 197, 1241.
Large vs. Greater Number of Smaller Battleships 164, 1079.
Johnson, V. 593, 792.
Johnson, V.H.: Building Modern Armies 504, 147.
Johnson, Victor 689, 98.
Johnson, W.O.: It Is Later Than You Think (anec) 625, 275.
Johnson, W.S.
At Sea--Where We Belong (McFarlane) (C&D) 834, 95.
Naval Officer's Career--Exigencies of the Service (Smith) (C&D) 830, 94.
Johnson, W.W.
Angle of Elevation, Trajectory in Air... 57, 61.
Siacci's Ballistic Equations 57, 57.
Johnson, William W.
The approximate formulae for areas and volumes and their comparative accuracy 131, 759.
Weddle's Rule, and some new approximate formulae for areas 139, 871.
William Chauvenet 176, 2283.
Johnston, D.M., Jr. 779, 100. 781, 109.
ABM: The High Cost of Living 776, 26.
On Understanding War (Giddings) (C&D) 793, 101.
Retention: The High Cost of Leaving (Fredland) (C&D) 815, 86.
Johnston, E.E.: Common Purpose--Common Ship? 830, 25. 839, 99.
Johnston, H.D. 656, 1126.
Johnston, J.A. (photog.) and R.E. Woods, Jr.: See: Minesweeping on the Long Tao River (Pict).
Johnston, James (photog.): NC-4: History Preserved (Pict) 795, 94. 799, 106. 801, 128. 804, 91.
Johnston, M. 371, 104.
Johnston, Marbury: Discipline in the Navy 143, 851.
Johnston, Means, Jr.: NATO's Southern Region: Problems and Prospects 863, 47.
Johnston, R.Z.: Arms and Man 299, 26.
Johnston, Stanley: Freedom of the Press or Treason? Grant Sanger 895, 96. 898, 77, 79.
Johnston Island. H.C. Votaw 487, 1176.
Johnsville, Pennsylvania: Naval Air Development Center (Pict) 810, 76.
Joint Chiefs of Staff
Expansion of the Military Mind. W.L. Jesse 856, 24. C&D: 863, 83.
Ivy-Clad Man on Horseback. P.R. Schratz 745, 42. 749, 106, 107.
Joint Chiefs Split Over Move to Create New Post (Nbk) 733, 150.
Joint Staff Duty (C&D). J.H. McAlevy 777, 106.
Military Planning at the Seat of Government. J.D. Hittle 653, 713.
Purple Does Not Refer to the Racing Colors of Wheatley Stables. H.D. Train 865, 50.
Semantics of the Military Term "Joint". A.T. Church, Jr. 749, 36.
Shall We Junk the Joint Chiefs of Staff? H.E. Orem 660, 57.
Specter of a "Man on Horseback". G.E. Lowe 731, 26.
Joint Civilian Orientation Conference.
See: Pictorial Section: "Jaycook" Story.
Joint Military Action: The Partnership. H.J. Maihafer 771, 49.
Joint Navy and Army Procurement. J.L. Seligman 383, 33.
Joint Planning and Communications: Divided We Fell. Kemp Tolley 764, 36. C&D: 767, 96.
Joint Staffs: Jointly Disjointed (ProfNote). A.G. Nelson 851, 101.
Jolliff, J.V., and G.D. Kerr: Designing for Change: Present and Future 857, 30. 861, 93, 94.
Jomini, A.H. de
See: Darrieus, War on the Sea. 126, 513. (Jomini's Views on War).
Jones, Allen, Jr.: The Challenge of the Semi-Foil Ship (ProfNote) 896, 89.
Jones, B.Q.: Frank Statement by Army Aviator 276, 370.
Jones, C.A.: See: Cox, C.L.
Jones, C.B., Jr.: Montreaux Convention: Prospects for an Imminent Change (Dur) (C&D) 852, 95.
Jones, C.L.: Forgotten Firebrand (Workman) (C&D) 792, 104.
Jones, C.R.: Graduate Education--Continuing Imperative (Freeman) (C&D) 851, 85.
Jones, D.L., and E.A. Tessier, Jr.: U.S. Naval Space Surveillance System

Jones, D.L. and E.A. Tessier, Jr. (Cont.) (ProfNote) **773**, 142.
Jones, E. **346**, 1746.
Jones, F.A.: Refueling Problems (anec) **667**, 115.
Jones, G. **256**, 883. **392**, 1399.
Jones, G.B. **699**, 125.
Jones, H.L., J.L. Keating, and George Postich: Officer Appraisal in the Armed Forces **746**, 76. **750**, 114, 115, 116, 117. **754**, 111, 112, 113.
Jones, H.P.
An Admiral Speaks **320**, 924.
Delegate to London Conference **322**, 1089, 1100. **326**, 356.
Eulogy **421**, 309.
Just Man Armed Keepeth His House in Order **243**, 759.
Mr. Jones Still Keeping Watch **295**, 1041.
Petroleum and National Defense **272**, 1838.
U.S. Defense **242**, 690.
Jones, J.: Jacob Jones, Delaware Squire. F. Pratt **570**, 853.
Jones, J.D.: Some Thoughts from an Unrepentant Nuc (NAMB) **897**, 86. **900**, 21. **902**, 19. **904**, 87, 89. **905**, 85.
Jones, J.M.: Gulf Stream Navigation (anec) **667**, 89.
Jones, J.P. **327**, 371. **329**, 583. **350**, 503. **353**, 1050. **368**, 1495.
See also: Cover Pictures--September 1952.
Basic Education of Officers. W. Folk **264**, 274. **268**, 1018.
Bicentennial of John Paul Jones **533**, 767.
Bon Homme Richard Farewell **439**, 1381.
The Captain and the Convoy (OldNav). S.W. Bryant, Jr. **881**, 69.
Day and Night Signals **277**, 479.
Description of John Paul Jones' Sword, (illus). C. Stevenson **122**, 711.
Flag, First Foreign Recognition American **382**, 1801.
Letter to Joseph Hewes, of Marine Committee **305**, 632.
Log of Ranger. L.H. Bolander **396**, 201, 301.
Man of Many Disappointments **305**, 629.
Moreau Le Jeune Portrait **477**, 1659.
Naval Academy Miniature of John Paul Jones. Philip R. Alger **115**, 585.
New light upon the career of John Paul Jones; letters from Janette Taylor, a niece of John Paul Jones **122**, 683.
Oratorical Contest **495**, 623.
Our Heritage from Paul Jones. H.H. Frost **188**, 2275.
Paul Jones and Arnold. W.C.I. Stiles **385**, 337. **391**, 1304. **396**, 249.
Place of Naval Officers in International Affairs. G.B. Vroom **219**, 685.
Portrait; Description of. **118**, 387, 710.
Report of John Paul, Master of the ship John. C.O. Paullin **162**, 523.
Reproduction in color of Naval Academy miniature of John Paul Jones **115**, Ante 549.
Reproduction of Houdon Bust **115**, 596.
Strange Search for John Paul Jones. Dorothy Tooker **629**, 808.
Strategist and Tactician. G.A. Johnson **305**, 539.
Suitable Tomb for John Paul Jones. W.E. Malloy **208**, 899.
The Sword Presented by Louis XVI to John Paul Jones. C.H. Hart **122**, 712.
Two Notes on J.P. Jones. L.H. Bolander **305**, 546.
When Was Our Navy Founded: A Criticism of A.C. Buell's "Paul Jones, Founder of the American Navy" **133**, 255.
Jones, Midshipman J. Pembroke: Duel With James Hope **132**, 1197. **133**, 265.
Jones, J.S.: Yokosuka 1865-1965 (Pict.) **754**, 95.
Jones, Julian S. (Joint author): See: Claiborne, John H. and Jones, Julian S.
Jones, L.P.: Jamestown Tercentenary--April-May 1907 (OldNav) **669**, 146.
Jones, Loftus, of the Shark (Br.) at Jutland **405**, 1606.
Jones, Mark: Scientific Resources--Limited **726**, 52.
Jones, Needham L.
Details of Navy Department Administration; Navy Department Policies **150**, 379.
New Navy Regulations **145**, 277.
On "Greatest Need of the Atlantic Fleet" **145**, 39.
Jones, R.A. (Co-author): See: W.H. Hunley.
Jones, R.G.: Advisory Warfare vs. Santuary Warfare (C&D) **747**, 114.
Jones, R.W.: An Enlisted Annapolis for Chiefs (ProfNote) **648**, 227.
Jones, S.E.
Security Is Just Good Business **648**, 146.
Three More Seats at the Table **636**, 180.
Jones, Stephen E.: "Peace!"--the Call of the Sirens **624**, 149.
Jones, T.A.C.: See: Old Navy. A Long Chase.
Jones, T. ap C. **366**, 1154. **370**, 1785.
Forgotten Firebrand. Gilbert Workman **787**, 79. **792**, 104.
Jones, T.W.: Military Wedding **502**, 1451.
Jones, Thomas A.: See: Feipel, L.N. **155**, 45.
Jones, V.C. (BkRev) **735**, 116.
Jones, W.: Mr. Madison's Secretary of Navy. K.L. Brown **534**, 967.
Jones, William: Paullin, C.O.: Naval Administration under Secretaries of the Navy Smith, Hamilton and Jones, 1801-1814 (Portraits) **120**, 1289.
Jones, W.D.: Wartime Training for Merchant Marine officers (Schute) (C&D) **823**, 95.
Jones, W.L.: American Shipping **218**, 606.
Jones, W.T. **430**, 1800.
Jones, W.W. **704**, 120.
Safety in Numbers **692**, 55.
Jones Act, 1920: **827**, 107.
Jones-White Act **329**, 647. **336**, 258. **339**, 682.
Jorda, H.P. **687**, 102.
Jordan, D.S. **780**, 103.
Stephen Decatur at New London, A Study in Strategic Frustration **776**, 60.
Jordan, Douglas Stuart: Fisher's Folly--the Fabulous Furious **628**, 667. **630**, 934. **632**, 1155.
Jordan, J.D. (BkRev) **799**, 125.
Jordan, J.N. **271**, 1727.
Jordan, M.F.: Patriotism: Where? (C&D) **835**, 92. **839**, 94.
Jordan, M.H.: Seabee Hat Trick (anec) **654**, 845.
Jordanian Crisis (1971): **828**, 27.
Jorgensen, Victor (BkRev) **872**, 105.
Jorgenson, Ted (photog.): PG School (Pict.) **808**, 79.
Joseph, P.A.: Nondum Paratus for Deep-Sea Disasters **864**, 33. **868**. 80.
Joseph Cudahy (SS): Torpedoed **188**, 2460.
Joshua, Wynfred: Arms for the Love of Allah **805**, 30.
Josiah Willard Gibbs (U.S.): See: New Navy.
Joslin, H.B.: When the Good Shepherds Were Blind (Abbazia) (C&D) **876**, 79.
Josten, L.J.: Manufacture of Rotating Projectile Bands **215**, 29.
Jouett (USS) **258**, 1344.
Journalists: The Military and the Media. J.M. White **857**, 47. C&D: **863**, 82.
Jovite **82**, 378.
Jubelin, André **627**, 583.
Haiphong Misunderstanding of March 6, 1946: **654**, 846.
Judd, R.W.
By Reverse Logic (anec) **701**, 71.
Outranked (anec) **670**, 91.
Judge, C.B. **468**, 253. **470**, 556. **486**, 1119. **496**, 705.
Commandos and Their Methods **497**, 843.
Navy Powder Goes on Journey **487**, 1223.
Judge Advocate General, Historical Sketch of Office of, Navy Department. H.P. Beers **459**, 670.
Judovich, J.I. **674**, 107.
Jules Michelet (Fr. cruiser)
Launched, description **116**, 985.
Trials **127**, 1053.
Jules Verne (Fr) **351**, 768. **358**, 1829.
Jullien, L.H.: NROTC Plight (C&D) **756**, 107.
Jumboization: USS Waccamaw--A New Oiler, in Part (ProfNote). H.G. Gillette **775**, 141.
Jungle Allies, J.L. Zimmerman **558**, 873.
Junior NROTC Program (ProfNote). R.T. Williams **796**, 134.
Junior Officers
Attaining Command at Sea--Soviet Style (ProfNote). W.H.J. Manthorpe **873**, 97.
Dilemma of the Junior Officer (ProfNote). A.M. Osborne **830**, 120. **835**, 94.
Junior Officer of Deck: Very Unfortunate Affair. W. Outerson **543**, 623.
Junior Officer Retention. M.S. Harris **817**, 26. **822**, 97. **823**, 92. **827**, 90. **828**, 100. **832**, 111.
Junior Officer's Widow: See: Dugan, F.L.
The Key Man (ProfNote). J.G. Reynolds **810**, 124.
More Valuable, for Fleet. H.B. Seim **543**, 597.
The Silent Vote. F.G. Dengler **816**, 34. **820**, 92, 93. **821**, 94, 95. **824**, 92. **828**, 105.
Junior Reserve Officers Training Corps (JROTC)
Naval Youth Programs. E.L. Barker **844**, 42. **851**, 84.
Navy Blue and Blonde. R.W. Kennedy **846**, 49.
Junkers Oil Engine: Description **144**, 1682.
Junk Fleet: Role of the Junk Fleet Advisor in Base Defense (ProfNote). R.F. Brown **788**, 128. **793**, 100. **794**, 119. **798**, 118.
Junks **366**, 1175. **440**, 1529. **446**, 501.
U.S. Raids on Japanese: See: J.D. Alden: Away the Boarding Party.
Jupiter (USS) **217**, 422.
Applicability of Electric Propulsion to Battleships: Experience gained on the Jupiter **155**, 213.
Description **150**, 561.
Launched; description **144**, 1666.
Jurien de la Graviere (Fr. cruiser): Description **108**, 968.
Justice, R.R.
All, or Nothing! (anec) **665**, 51.
Dear Sir (anec) **678**, 64.
Some Different (anec) **682**, 59.
"...Justice for All"? W.G. Proctor, Jr. **789**, 52. **796**, 104.
Justice (Fr. battleship): Trials **124**, 1513.
Justice in the Battle Zone. J.E. Toms **796**, 52.
Justice School, U.S. Naval: Newport/Quonset Point Naval Complex (Pict.) **803**, 84.
Justicia (SS): Torpedoed **187**, 2197.

Jutland, Battle of **361**, 444. **366**, 1215. **382**, 1776. **427**, 1303. **430**, 1833.
After Jutland, R.H. Gibson **293**, 774.
Anniversary in Germany **259**, 1534. **354**, 1224.
B-110, Jutland from SMS. Karl Rheydt **399**, 689.
Battle of Jutland
Knox, D.W. **265**, 501.
Pollen, Arthur **164**, 1341.
Book Review **262**, 2140.
Casualties **204**, 271.
Comparison of Official British and German accounts (Plans) **165**, 1691.
Correspondence between Lieutenant Commander H.H. Frost, et al. **221**, 1083.
Description of Battle of Jutland. H.H. Frost **201**, 1829. **202**, 2019. **203**, 61.
Diagram of Battle at 6:21 p.m., 31 May **294**, 877.
Effects of English gunfire **207**, 756.
Effect of Jutland on British Strategy. Archibald Hurd **168**, 407.
German admiralty reports **164**, 1337.
German battle fleet tactics. H. Russell **278**, 747.
German Gunnery Superior to British. H.C. Bywater **285**, 2328.
Gunnery **295**, 1004.
Gunnery in Battle of Jutland. H.C. Bywater **271**, 1780.
High Sea Fleet At Jutland. H.H. Frost **213**, 1721. **215**, 89.
Influence of material on naval operations. H.C. Bywater **236**, 1677.
Interpretations and comments on battle of Jutland **164**, 1348.
Jellicoe's Report **164**, 1330.
Jones, Loftus, of the Shark (Br.) **405**, 1606.
Jutland and Modern Tactics. H. Russell **261**, 1930.
Jutland Anniversary **186**, 1912.
Jutland, Twelve Months after. **174**, 1886.
Lessons **282**, 1644. **283**, 1830.
Lessons for American Navy. A.W. Hinds **226**, 1877. **228**, 269.
Lessons of Jutland. J.E. Harper **294**, 878.
Lessons of Jutland Affecting Design of Turret Armor. N.B. Musser **266**, 562.
Literature of Jutland. Waldo Chamberlin **468**, 237.
Log of War-Time Tramp. L. Gibson **383**, 73.
Lutzow at. **283**, 1830.
Meteorological Conditions, Effects of, on Tactical Operations. A.E. True **443**, 9.
More Light on Jutland **197**, 1248.
Notes **212**, 1685. **239**, 150. **349**, 428.
Re-enacting Battle for Movies **223**, 1438.
Relations Between Gunnery and Tactics. R. Earle **232**, 917.
Results and Effects of Battle of Jutland. H.H. Frost **223**, 1327.
Results of Jutland. L.T. Miles **406**, 1679.
Review of Battle of Jutland **164**, 1329.
Sims' Criticism and Pollen's Reply, 1916: **166**, 2053.
Statistics of Ships Engaged **194**, 643.
Summary of Battle of Jutland. George Dewey **164**, 1352.
Technical Aspects of Jutland. H.G. Brownson **379**, 1249. **384**, 250.
Test of Fact Against Fiction in Battle of Jutland. T.G. Frothingham **301**, 169. **306**, 684.
Tshushima and Jutland. P.P. Welch **329**, 591.
Veterans of Jutland. W.L. Robinson **411**, 627.
What might have happened at Jutland. T.C. Hart **269**, 1143, 1231.

K

K-4 (Neth.) **227**, 144.
K-6 (USS) **330**, 711.
K-13 (HMS) **203**, 104.
K-26 (HMS) White Elephant **328**, 544.
K-Type (submarine) England **240**, 341.
KD-111 (Ger. SS) **403**, 1267.
Kabernagel, A.W.
Harbor Pollution by Flotsam and Jetsam (ProfNote) **771**, 152.
Oil Pollution (ProfNote) **757**, 148.
Kaenimerling, G.: Amalgamation, A Failure? **118**, 706.
Kaep, L.J. (artist): Divine Services on Board the Forrest B. Royal--August 1969 Cover.
Kafer, J.C.: Forced Draught **33**, 334.
Kaga (Jap) **341**, 980. **356**, 1529.
Kagul (Russian cruiser): Description **107**, 760.
Kahn, V.N.M. (Joint author): See: Owen, J.P.
Kahuku (U.S.): Caribbean Convoy (OldNav). Harlan Soeten **845**, 78.
Kai-chih (Chinese cruiser): Explosion of. **103**, 628.
Kaimiloa (Hawaiian Navy) **446**, 518.
Kaiser, Frank: Tribute to My Favorite Uncle **690**, 68.
Kaiser, G.E. **687**, 103.
Future of the Coast Guard (Heckman) (C&D) **797**, 113.
Kaiser, P.J.: Compass Cards of Small Weight **66**, 218.
Kaiser (German Battleship)
Adopted for Use of German Emperor **146**, 844.
Description **142**, 755.
Illustration **144**, 1621.
Launched; description **138**, 628.
Plans **142**, 756.
Kaiserin (German battleship): Launched **140**, 1420.
Kaiser Wilhelm Canal: The Canal in 1912: **143**, 1171. 1913: **147**, 1336.
Kaiulani, Last of the Yankee Square-Riggers (Pict). Peter Stanford **853**, 71.
Kako (HIJMS) **337**, 400.
Kalakaua, D. **446**, 517.
When Navy Was Host to Hawaii's King. H.C. Votaw **539**, 71. **542**, 484.
Kalasinsky, Frank **714**, 120.
Salvage Operation of USS Baldwin (DD-624) (ProfNote) **708**, 138.
Kalbfus, E.C.
British sloop-of-war, Diamond Rock **298**, 1301.
History of engineering competitions in the navy **139**, 995.
Main Engine Repairs Underway **131**, 895.
O'Kay **329**, 602.
Kalemaris, S.G.: Liquefied Natural Gas Carriers and Their Development (Carl) (C&D) **894**, 69.
Kalisch, Bertram
Photographing the Surrender Aboard the USS Missouri **630**, 866.
Television and the War: The Small Picture (Jacobsen) (C&D) **868**, 82.
Kallaus, A.R., Jr.: Time Out for Sports (anec) **758**, 111.
Kalstad, H.M. **725**, 114.
Kaluf, John: His Own Private Power Plant (anec) **796**, 51.
Kamarck, A.M.: Unknown British-American Victory **474**, 1134.
Kamehameha I: Army and Navy of Kamehameha I. C.W. Kenn **513**, 1335.
Kamikaze
Divine Wind Over Okinawa. R.L. Wehrmeister **652**, 633.
Kamikaze! P.W. Martin **522**, 1055. **526**, 1589. **529**, 329.
Kamikaze Attack Corps. R. Inoguchi and T. Nakajima **607**, 933.
Kamikazes and Okinawa Campaign. T. Yokoi and R. Pineau **615**, 505.
No Hiding Place Off Okinawa. J.D. Scott **657**, 1208.
Seventy-Nine Minutes on Picket Line. F.A. Manson **559**, 997. **562**, 1413.
Spirit of the Divine Wind. Roger Pineau **669**, 23.
Suicide Tactics **692**, 104.
Victim of Kamikazes--USS Newcomb. I.E. McMillian **544**, 683.
Who Were Kamikaze? B. Vogel **533**, 833. **536**, 1240.
Kamimura, Hikonojo: Sketch of career of Admiral Kamimura **165**, 1633.
Kamoi (HIJMS) **237**, 1973.
Kane, E.K. **476**, 1372.
Kane, J.D.H.: Deep Selection--A Caution (C&D) **857**, 100. **862**, 85.
Kane, J.E., G.C. Reynolds, A.R. Thorgerson, and Jeff Gordon: Is Military Unionization an Idea Whose Time Has Come? Part I **885**, 36. Part II: **886**, 24. **889**, 75, 82. **890**, 76, 77. **892**, 92. **894**, 68. **895**, 86. **897**, 74.
Kane, J.P., and R.A. Komorowski: USS Perry's Mark I FRAM. (ProfNote) **689**, 121.
Kangaroo (French submarine transport): Description; illustration **149**, 194.
Kansas (USS) **277**, 464.
Main Engine Repairs (USS Kansas) Underway. E.C. Kalbfus **131**, 895.
Ships of the U.S. Navy, illus. R.W. Neeser **162**, 509.
Kant, John: See: Frost, H.H. **191**, 23.
Kanter, Earl: Latitude by Observations at Lower Transit (Norville) (C&D) **865**, 76, 77.
Kaplan, H.R.
Hamilton's Revenue Fleet (OldNav) **716**, 160.
Toast to the "Rum Fleet" **783**, 84.
U.S. Coast Guard and Civil War **690**, 40.
Kaplan, R.S.
Big Ten: Our Trident Missile Submarine Class (C&D) **851**, 75. **856**, 99. **869**, 79.
Destroyer Memorial (C&D) **857**, 100. **860**, 87. **866**, 82. **870**, 91.
Learning from One's Mistakes (anec) **859**, 39.
Kaplan, Robert: Stand By for a Collision (anec) **761**, 55.
Kapok: A.B. Court (illus.) **161**, 125.
Kapstein, Jonathan: Canada's Diminishing Armed Forces **871**, 40. **877**, 120.
Kara Sea Route to Siberia: The Sea Route to Siberia **160**, 2029.
Karch, F.J. **654**, 900.
Karcher, D.M.
Service Force in Action **814**, 28.
To Each His Own (anec) **763**, 41.
Karig, W., E. Burton, and C.L. Freeland: Murmansk Run **515**, 25.
Karig, W., and S.L. Freeland: One More River to Cross **512**, 1193.
Karig, W., S.L. Freeland, and E. Burton: Rhinos and Mulberries **514**, 1415.
Karig, W., R. Harris, and F.A. Manson
Battleship Banzai! **560**, 1151.
Jeeps versus Giants **538**, 1445.
Karig, W., and W. Kelley: Old Lady's Last Fight **502**, 1489.
Karig, W., and E. Purdon
Battle of Empress Augusta Bay **526**, 1569.
Komandorskis--Little-Known Victory **525**, 1411.
Makin Island Raid **524**, 1277.
Karker, M.H.: Business and Navy Food **227**, 81.
Karlsruhe (German) **337**, 403. **348**, 291.

Karlsruhe (German) (Cont.) **357**, 1676. **406**, 1771.
Activities of the Karlsruhe in the Atlantic **154**, 1889. **155**, 280.
Description **145**, 372.
Illustration **158**, 1106.
Karlsson, T.E.
Karlskrona, Largest Base of Sweden's Expanding Navy **468**, 235.
Maritime Training of Sweden's Youth **471**, 642.
Karnak (French transport): Torpedoed **167**, 197.
Karr, K.R.: Teenagers Man Sailing Ship (C&D) **862**, 79.
Karres, F.P. **730**, 119.
Karsten, Peter
and T.H. Patterson: Our Other War in Korea (Leary) (C&D) **792**, 112.
No Room for Young Turks? **841**, 37. **846**, 96.
Karteria (Gr.) **478**, 1738.
Kashima (HIJMS) **221**, 1105.
Description **118**, 725.
Fatal Breech Explosion **124**, 1528.
Launched; description **114**, 513, 520.
Kashmir
Naval Officer in. J. Cadwalader **621**, 1245.
Valley of Indecision. Murray Green **634**, 1339.
Kassell, B.M. **668**, 104. **674**, 108. **709**, 102. **712**, 113. **716**, 112. **717**, 127. **724**, 120.
Communism and Naval Officer **579**, 491.
Fishing Fleet of the Soviet Union **705**, Lend-Lease Fleet **591**, 537.
1,000 Submarines--Fact or Fiction **577**, 267.
Soviet Deep-Water Vehicles (ProfNote) **754**, 152.
Soviet Education and the Missile Gap (ProfNote) **703**, 132.
Soviet Logistics in the Arctic **672**, 88.
Soviet Maritime Establishment (C&D) **749**, 111.
Soviet Merchant Marine **685**, 70.
Soviet Oceanography **725**, 59.
Kasson, J.A.: International Arbitration **81**, 69.
Kast, H.: Testing of explosives for sensitiveness to shock by the drophammer method **134**, 627.
Kaster, H.B. **355**, 1363. **683**, 106. **370**, 1777.
Spherant **329**, 607.
Katahdin (U.S.): See: Old Navy.
Historic Ships of Navy. R.W. Neeser **458**, 509.
Old Half-Seas Under. D. Potter **467**, 57. **470**, 553.
Katauskas, P.J.
Last Muster for the Citizens' Army? **828**, 61. **840**, 97.
Worlds Apart (Edelstein) **847**, 82.
Kathren, R.L.: Lump Sum Retirement Payment (Dombroff) (C&D) **804**, 97.
Katori (Japanese battleship)
Description **111**, 645. **115**, 723.
Trials **118**, 727.
Katusa--An Experiment in Korea. S.P. Edwards, Jr. **659**, 31.
Katyn Forest Massacre: Murder, or High Strategy? W.H. Standley and A.A. Ageton **596**, 1053.
Katz, M.C.: Thank You Just Same (anec) **611**, 21.
Katzenbach, E.L., Jr.: Demotion of Professionalism at the War Colleges **745**, 34. **748**, 110, 112, 114. **751**, 112, 115.
Katzmann, G.H.: Fleet Logistic Support: Improvements in Delivery (ProfNote) **842**, 104.
Kauffman, D.L.
German Naval Strategy in World War II: **611**, 1.
Whiz Kids of Our Own (C&D) **738**, 121.
Kaufman, E.M.: The Sexually-Integrated Warship (Burnett) (C&D) **894**, 63.
Kaufman, H.E.: Accountability: Crumbling Keystone (Dean) (C&D) **844**, 94.
Kaufman, J.B.: Advice to Fellow-Middle-Agers **371**, 50.
Kaufman, W.M. **573**, 1256. **580**, 661. **690**, 115.
and W.R. Meyer: Practical Experiment in Disciplinary Psychology (ProfNote) **702**, 134. **706**, 109.
Naval Officer's Role in Politico-Military Affairs **682**, 53.
Kaul, R.
India's Russian Navy **810**, 38.
Indo-Pakistani War and Changing Balance of Power in the Indian Ocean (NavRev) **843**, 172.
Kaune, J.E.
Fleet Machinery Maintenance, a New Approach (ProfNote) **785**, 134.
Modernization of the Midway **816**, 27. **821**, 93.
Kautz, A.: Naval Observatory **255**, 744.
Kava **244**, 995.
Kavalko, Andy
Ever-Present Hazard (anec) **693**, 55.
Ivy Lei (anec) **690**, 145.
Sage Advice (anec) **690**, 69.
Kawachi (Japanese battleship)
Blows Up **186**, 1945.
Description **131**, 975. **142**, 722. **143**, 1139.
Illustration **143**, 1140.
Launched; description **136**, 1173.
Kawakami, Clarke H. **621**, 1277. **623**, 110.
Kawakami, K.K.
Bonin Islands **250**, 2070.
Japan's Conscience About Arms **261**, 1884.
Japan's Misleading Naval Data **264**, 314.
Japan's Reduction in Naval Armament **256**, 987.
Kawamura, Yoya **713**, 119.
Kay, H.N. **709**, 109. **714**, 119.
Fifty Old Maids Come Through **571**, 977. **576**, 197.
History, Tradition, and the Naval Reserve (ProfNote) **707**, 146.
Let History and Tradition Work For You (ProfNote) **707**, 146.
Managing the Shore Establishment **898**, 18. **902**, 80.
Navy's Scientific Wonderland **590**, 389.
Reenlistment: A Case History **640**, 602.
Reservations, Please (anec) **759**, 97.
Still Not Close Enough (anec) **649**, 299.
Kay, R.G.: Who's Driving? (anec) **886**, 29.
Kays, H.E. **283**, 1786.
Naval Battle of Topolobampo **290**, 455.
Officer Detail System **294**, 858.
Keaney, P.J. (co-author): See: J.T. Hayward.
Kearney, I. **219**, 685.
Kearney, L. **471**, 645.
Kearney, Lawrence: Cruise to China in the Constellation and Boston, 1839: **136**, 1084.
Kearney, T.A.
Golden Gate and San Francisco Bay Bridges **386**, 476.
St. Peter's Chapel, Mare Island, California **353**, 1025.
Kearney, Thomas A.
Duties and responsibilities of the first lieutenant **190**, 2749.
The military-industrial organization of the navy **151**, 689.
Repair and alteration of ships... **147**, 1127.
The Submarine: Its Purpose and Development **158**, 1239.
Kearns, W.H., Jr.: Some Aspects of Polar Flying **555**, 551.
Kearny, L.: Commander in Far East **347**, 60.
Kearny, Commodore Lawrence, the Diplomatic Seaman (OldNav). R.J. Hanks **813**, 70.
Kearny (U.S): See: Deac, W.P.: America's Undeclared Naval War.
Kearsarge (U.S.) **410**, 606.
See also: Crane Ship No. 1; Old Navy.
Alabama (CSS): Battle **282**, 1681. **288**, 171.
Gun Accident During 1902 Target Practice **101**, 148.
Historic Ships of the Navy. R.W. Neeser **288**, 171.
Launching the Battleships Kearsarge and Kentucky in 1898 (OldNav). A.C. Brown **774**, 158. **778**, 104.
The Wreck of the Kearsarge. B.T. Walling **72**, 671.
Keating, A.L.: Survival of the Fittest: Five Years Later (Turkington) (C&D) **888**, 73.
Keating, J.A.: Who Has the Ball? (anec) **690**, 50.
Keating, J.L. (co-author): See: H.L. Jones.
Keating, J.S.
Backfire (anec) **886**, 29.
Mission to Mecca: The Cruise of the Murphy **875**, 54.
When the Good Shepherds Were Blind (Abbazia) (C&D) **882**, 74.
Keator, F.W. **440**, 1485.
Rate of Change of Altitude **441**, 1609. **442**, 1828. **444**, 256.
Kedging **282**, 1509. **286**, 2657. **291**, 623. **302**, 342.
Salvage by Kedging. J. Hanna **395**, 73.
Keefer, J.F.
Overhaul for the USS John A. Bole (Fahey) (C&D) **804**, 97.
Retention: The High Cost of Leaving (Fredland) (C&D) **810**, 106.
Keeley, Joseph: United States Navy for the Future (Smith) (C&D) **821**, 89.
Keelhauling **311**, 13.
Keen, T.J. **676**, 105.
P.G. School (C&D) **733**, 110.
Keen, W.H.: Midshipman's Day **392**, 1533.
Keenan, P.C., Jr.
Broadening Our Education (ProfNote) **695**, 140.
Co-author: See: C.W. Tarr.
Keenan, Paul, Jr. **682**, 100.
Keene, H.C., Jr.: Destroyermen's Night at Officer's Club (anec) **570**, 895.
Keene, J.W. **725**, 113.
Keener, Bruce, III: **781**, 108, 109. **786**, 116. **789**, 106.
"I am the Two-Headed Ogre..." **878**, 38. **881**, 79. **882**, 72, 73. **883**, 77. **884**, 99. **886**, 87. **890**, 76.
Principles of War, A Thesis for Change **777**, 26.
Keeping Fit at Manzanillo. P. Andrews **355**, 1314.
Kefal' (Rus.) **806**, 55.
Kehoe, J.W., Jr.
Destroyer Seakeeping: Ours and Theirs **849**, 26. **853**, 95. **856**, 99.
Warship Design: Ours and Theirs **870**, 56. **874**, 73, 74.
Kehoe, J.W., H.A. Meier, L.J. Kennedy, and D.S. East: U.S. Observations of the Kiev (ProfNote) **893**, 105. **895**, 80.
Keisker, H.E. **334**, 1132.
Keith, M.L.: Polaris Duty: Pinnacle or Predicament (C&D) **777**, 108.
Keith, P.A.
Navy--A Retention Gap (McGarry) (C&D) **798**, 114.
ROTC Under Fire (ProfNote) **796**, 140.
Keith, V.F.: Across the Top **810**, 60.
Keith (HMS) **330**, 753. **331**, 853. **337**, 397. **338**, 539.
Kekela, James and Samuel **840**, 60.
Keleti, S.L.: Proceedings Cover--The American's Creed (C&D) **832**, 101.

Kell, C.O. **460**, 858.
Kellar, J.G.: Horizontal Angle Method for finding local sidereal time **252**, 219.
Keller, R.P.: Operation Channel Blast (ProfNote) **713**, 138.
Keller, W.S. **586**, 1341. **668**, 105.
Kelley, J.B.: Biological Warfare--Equalizer **564**, 137.
Kelley, J.D.J.: Our Merchant Marine: the Causes of its Decline, and the Means to be taken for its Revival. Prize Essay, 1882: **19**, 3.
Kelley, L.B.: Fighting a Logistics War in the Laboratory (ProfNote) **679**, 126.
Kelley, T.D.: All-Volunteer Force: Why Not? **829**, 37.
Kelley, T.N.
American Pilotage System **592**, 643.
Canyons of Georges **464**, 1423.
Sargassum **475**, 1215.
Kelley, T.T.: Personality Disorders: the Walking Wounded (Piper) (C&D) **857**, 89.
Kelley, W.: Joint author: See, Karig, W.
Kellogg, E.S.: Enemies--Hitherto Unpublished Footnote to History **415**, 1239.
Kellogg, F.B.
Secretary of State **265**, 508.
World Court judge **333**, 1053.
Kellogg Pact and Pact of Paris **307**, 806. **308**, 925, 937. **313**, 252. **314**, 351. **318**, 738. **319**, 825. **323**, 78. **324**, 168. **333**, 1053. **335**, 129. **347**, 164. **351**, 762. **356**, 1507, 1517.
Kellogg (SS): Torpedoed **187**, 2205.
Kells, L.M. **495**, 575.
Kelly, A.J., Jr.: Score One for Alphonse (anec) **617**, 729.
Kelly, J.F., Jr.
Combined Surface Type Commands (ProfNote) **844**, 107.
Honors Rendered--and Returned (Mockford) (C&D) **804**, 99.
Kelly, J.P. **768**, 112. **774**, 107.
Back to the General Purpose Destroyer (C&D) **760**, 126.
Requiem for the PHM Program (ProfNote) **894**, 79.
Smaller, Yes...More Professional? (C&D) **846**, 94.
Kelly, J.R.: Portrait of Proficiency: USCGC Dallas (Sup) (C&D) **797**, 112.
Kelly, John: See: Malo, H.: American Privateers **139**, 933.
Kelly, R.: Fifteen Days for Training **251**, 40.
Kelly, R.B.
Education of the Line **682**, 48.
Old Order Changeth (ProfNote) **675**, 127.
Kelly, S.G. **648**, 219.
Motion Pictures in Naval Training--An Overlooked Essential **458**, 489. **461**, 1010.
Kelly, T.J.: Naval Petroleum Reserves in California **369**, 1561.
Kelp: Distillation of. **212**, 1693.
Kelsey, J.V. **545**, 898. **548**, 1301.
Kelso, D.A.: Role of Chief Petty Officer in the Modern Navy **650**, 386.
Kemal, Mustapha: Naval Watch in the Mideast. G.W. Henderson and P.B. Ryan **893**, 66.
Kemble, J.H. **396**, 269. **605**, 792.
An Incident in Naval Diplomacy: Toulon, 1834: **408**, 166.
Kemble, P.H.: Essex vs. Phoebe **336**, 199.
Kemenovich, M.A.: First Things First (anec) **833**, 49.
Kemp, P.K. **683**, 114. **692**, 110.
Kempenfelt, R. **431**, 74. **433**, 403.
Kempenfelt (Eng.) **337**, 397. **346**, 1715. **347**, 125. **351**, 766. **352**, 923. **353**, 1070. **354**, 1221.
Kemper, W.A.: First Naval Gunnery Conclave (Roberts) (C&D) **809**, 106.
Kempff, C.S.
and Roberts, F.H.: Hydrographic Office **308**, 862.
Shiphandling with Electric Propulsion **174**, 1705.
Kempff, Clarence: Bread and Water for the Bean (OldNav). A.E. Smith **894**, 56.
Kempff, Louis: Letter Regarding Operations in China **98**, 373.
Kendall, D.W.
American Sea Power--1941 and Beyond **458**, 465.
Navy in Orient in 1842: **471**, 645.
Wings of Sea Power **470**, 505. **474**, 1156.
Kendall, L.C. **648**, 220. **660**, 107. **676**, 119. **684**, 109.
American Shipping Subsidies **422**, 526.
Capable of Serving as a Naval and Military Auxiliary... (NavRev) **819**, 210.
Economics of Cargo Ship Design **623**, 79.
Flags of Whose Convenience? (Clark) (C&D) **797**, 116.
LASH and Seabee, New Ideas in Logistics (ProfNote) **792**, 140. **798**, 107. **799**, 111.
Merchant Marine: Rationalize or Nationalize **826**, 37.
Merchant Marine Auxiliary **854**, 86. **858**, 79.
Norwegian Merchant Marine Since 1945: **643**, 975.
Tanker Operation and Management **650**, 416.
To Use the Sea **838**, 58. **845**, 89.
Kendrick, J. **586**, 1267.
Kenn, C.W.: Army and Navy of Kamehameha I: **513**, 1335.
Kenna, W.E.
Back From the Bottom (Bartels) (C&D) **829**, 102.
COD on a Carrier (C&D) **775**, 111.
Kennaday, J.M. **359**, 108. **387**, 705. **535**, 1106. **550**, 1557. **558**, 941. **574**, 1373. **575**, 86. **601**, 318. **620**, 1160. **644**, 1105. **656**, 1118. **675**, 100.
Early Damage Control (anec) **551**, 19.
"Finest Ships" or "Not Worth a Damn"? **869**, 84. **875**, 82.
Last of the Four-Pipers? (Langenberg) (C&D) **864**, 83.
Let's Improve Professional Ethics (Cornelius) (C&D) **888**, 83.
A Matter of Degree (anec) **623**, 37.
Naval Policy for Individual **519**, 691.
Navy Social Calls (Flynn) (C&D) **868**, 84.
Petty Officers **356**, 1437, 1477.
Physical Prowess and Leadership **377**, 947.
Proper Conception of Advanced Bases **520**, 789.
Kennedy, C.N. **710**, 107.
Kennedy, D.P.: Stranger in the Crowd (Jacobsen) (C&D) **863**, 75.
Kennedy, Duncan: The Converted 8-inch Rifle **3**, 47.
Kennedy, E.P.: Cruise to Orient in the Peacock and Enterprise, 1834-1837: **135**, 721.
Kennedy, L.J. (co-author): See: J.W. Kehoe.
Kennedy, R.W.: Navy Blue and Blonde **846**, 49.
Kennedy, W.V. **708**, 117.
Career Officer as Existential Hero (Deininger) (C&D) **828**, 104.
In Hoc Signo--Victory! **622**, 1321.
Intervention in Russia (1918-1919) (Shapiro) (C&D) **846**, 97.
Marines Cut a Gordian Knot (ProfNote) **838**, 109.
The Military and Power in the United States (C&D) **751**, 110.
Northeastern Siberia: The Back Door to Russia **666**, 67.
NSD, Mechanicsburg **640**, 649.
Tanks of August 1968 (C&D) **800**, 103.
What's Behind the Russian Mask? (C&D) **734**, 114.
Kennett, Lee: Strange Career of the Stonewall **780**, 74.
Kenney, D.J.: Dilemma of the Junior Officer (Osborne) (C&D) **835**, 94.
Kenney, W.M.E.: Real Compliment (anec) **769**, 153.
Kennon, E.B.: Gala Evening in the USS Congress in 1812 (OldNav) **784**, 138.
Kennon, J.W. **625**, 334.
USS Vesuvius **612**, 183.
Kenny, E.T.: MLF: New NATO Sword? **732**, 25. **737**, 111.
Kenny, M.F.: Heavy Weather Problems (anec) **837**, 41.
Kent, H.K.: Fleet Radio Communication in War **221**, 1059.
Kent, M.C. **367**, 1339. **372**, 246.
Kent (HMS) **337**, 396. **433**, 389. **437**, 1041.
Activities of the Kent **158**, 1386.
Kent Island (Md.): Selected for Proving Ground **175**, 2064.
Kentucky (U.S.): Launching the Battleships Kearsarge and Kentucky in 1898 (OldNav). A.C. Brown **774**, 158. **778**, 104.
Kenyon, D.H.: U.S. Naval Aviation Museum: A First Look (Pict) **870**, 91.
Kenyon, G.W. **295**, 1002.
Kenyon, H.N.
Executing National Policy **486**, 1045.
Integrated War Effort **488**, 1342.
Keokuk (U.S.)
Guns. H. von Kolnitz **423**, 678.
The Keokuk's Guns (OldNav). P.H. Paist **760**, 174.
U.S. Monitor Patapsco (C&D) **803**, 104.
Keough, D.E.: R.A.F., The Impossible Dream (Emmott) (C&D) **809**, 107.
Keppler, C.H.J.
Determination of Steel Propeller Shafting **196**, 969.
Eclipse Expedition to South Seas **338**, 461.
Solar Eclipse Expedition 1929: **329**, 603.
Kerasan (ex-Erodiade) **821**, 69. **829**, 108.
Kerensky, Alexander
Overthrown as Premier of Russia **187**, 3071.
Visits Entente Powers **186**, 1964.
Kerguezec, G. de. **279**, 961.
Kerkering, S.W.: NavAir Forever! (C&D) **853**, 88.
Kermode Oil-firing **244**, 1035.
Kerr, Alex A.: International Law and the Future of Submarine Warfare **632**, 1105.
Kerr, G.D. (Co-author): See: J.V. Jolliff.
Kerr, L.F.
"Goin' to War" (anec) **546**, 977.
Tombstone Promotions (Prince) (C&D) **802**, 112.
Kerr, M. **367**, 1381.
Unknown Naval Hero--Frank Abney Hastings **478**, 1735.
Kerr, Orpheus C. (pseudonym): See: R.H. Newell.
Kersting, W.H.: Selected Reserve--Problem in Readiness (C&D) **731**, 104.
Kerwin, G.D.: Petroleum Goes to War **509**, 811.
Kessing, O.O.: Why Don't They Stay In? **246**, 1255.
Kessing, Oliver: See Incident at Mazatlán (OldNav).
Kessler, H.H. (joint author): See: Owen, J.P.
Kessler, J.A., and R.G. Eldridge: M.I.T. Whirlwind I Computer (ProfNote) **684**, 148. **690**, 117.
Kettering, A.J.: Naval Aircraft in the Next Decade (De La Mater) (C&D) **860**, 87.

Key, A.L.
Alarming condition of the (U.S.) Naval Personnel--responsibility and remedy **117**, 285.
Shrinking on a 13-inch Jacket **66**, 215.
Key, F.S.: Star-Spangled Banner **392**, 1483, 1485. **400**, 902.
Key, H., Jr. **602**, 440.
Oil for Troubled Waters **451**, 1253, 1317. **453**, 1628.
Outfitting Officer **509**, 795.
Keyham Engineering College: Engineering instruction record **135**, 877.
Keys, R.E.: Deutschland--Merchant Submarine (C&D) **750**, 120.
Keystone--Redeployment of U.S. Forces From South Vietnam **831**, 233.
Key West Agreement: See: Beebe, R.P.
Key West Naval Station
Naval Base at Key West in 1898. Reginald R. Belknap **159**, 1443.
The Selection of the West Indian Naval Base. W.H. Beehler **131**, 749.
Strategic Importance of Naval Base at Key West, (maps) **126**, 606.
Khair-ed-Din--"Barbarossa": See: Andrea Doria: Soldier of the Sea. Brown Taylor.
Khanna, R.P.
Confused Commander (anec) **773**, 160.
India as a Prospective Partner (C&D) **739**, 113. **742**, 113.
This Electronic Age (anec) **754**, 85.
Khartoum: See: Gunboats in the Desert.
Khoo Tee Chuan: Royal Etiquette (anec)
Royal Etiquette (anec) **803**, 43.
Royal Malaysian Navy (Weir) (C&D) **798**, 118.
Kiang-Su: Other Days in. L.A. Cotten **268**, 952.
Kiaochau
Japan Makes No Pledge to Restore Kiaochau to China **155**, 239.
Value of Kiaochau **153**, 1559, 1576.
Kibler, E.L.: Asiatic Dentist (anec) **629**, 801.
Kidd, I.C., Jr. **681**, 112.
Balanced Offense--Our Key to Security (ProfNote) **661**, 121.
Fate? **588**, 181.
Naval Material Command Supplies Everything but People **870**, 66.
Naval Officer's Fitness Report **649**, 278.
The Procurement Claims Problem **871**, 25.
View From the Bridge of the Sixth Fleet Flagship **828**, 18. **830**, 91. **837**, 97.
Yacht That Was a Destroyer (C&D) **783**, 109.
Kieffer, H.M.
Communism in Search of a Home **419**, 33.
Control of Seas by Air Department? **274**, 2265.
Russia Moves East **328**, 496.
Why Men Enlist **338**, 494.
Kieffer, R.W.: See: White, R.
Kiehl, W.A.: From Volunteer to Mercenary? (NAMB) **878**, 98. **885**, 73.
Kiel, 1918. B. von Berchem **365**, 999.
Kiel, Rendezvous in (C&D) **845**, 87.
Kiel Canal
Description of Kiel Canal **150**, 605.
Opening of Kiel Canal, June 1914: **156**, 570.
Reconstruction of Kiel Canal, 1914: **154**, 1827.
U.S. Navy at Opening of Kiel Canal: See: Old Navy, Page from.
Kielhorn, L.V.
Approximate Altitude and Azimuth **223**, 1387.
Sumner Bisectrix **307**, 753.
Traverse Diagram **205**, 361.
Kielhorn, W.V. **565**, 327. **597**, 1255. **601**, 330. **668**, 106.
Down the Chain Pipe (Sunderland) (C&D) **805**, 91.
Maneuvering Board and Great Circle Sailing (ProfNote) **649**, 343.
Military Biological Oceanography **583**, 947.
Skijump II: **620**, 1123.
Kiemin, R.A.: Role of the Junk Fleet Advisor in Base Defense (Brown) (C&D) **793**, 100.
Kiernan, L.J. **709**, 110. **710**, 111, 112, 113, 114. **716**, 104. **719**, 133, 134. **725**, 108. **726**, 104.
What's Happened to Practical Leadership? **705**, 83.
Kiernan, W.J., Jr.: Modern Triumph in Northern Ice **653**, 742.
Kiev (Rus.)
The Kiev: A German View (ProfNote). Ulrich Schulz-Torge **893**, 111. **897**, 80.
The Soviet Aircraft Carrier. Norman Polmar **884**, 138. **888**, 79.
Soviet "Aircraft Carrier" (NavRev). Norman Polmar **855**, 143.
U.S. Observations of the Kiev (ProfNote). J.W. Kehoe et al **893**, 105. **897**, 80.
Kilbourne, C.E.: Combat Methods of Japanese **272**, 2015.
Kilduff, Peter: It's No Place Like Home (anec) **871**, 29.
Kile, R.L.: I Remember Pearl Harbor (Taussig) (C&D) **847**, 98.
Kilty (USS) **344**, 1416.
Kimball, H.S.: Naval Academy Crew Sixty Years Ago **619**, 983.
Kimball, J.C.: Homer Lea--Interloper on History **830**, 61.
Kimball, W.W.
Ammunition Cart Constructed for the Ordnance Department **57**, 51.
Captain Ericsson's Submarine Torpedo System (Rev) **17**, 339.
Machine Guns **18**, 405.
Magazine Rifles (BkRev) **22**, 695.
Magazine Small Arms **17**, 231.
The Nordenfeldt Machine Guns (Palmcrantz's System) (Rev) **18**, 189.
On the Naval Profession **122**, 841.
Report of Progress on the Panama Canal During Year 1885: **43**, 679.
Submarine Boats **100**, 739.
Submarine Boats (Review) **44**, 249.
Torpedo-boat Organization and Service **100**, 713.
Kimberly, L.A.: And Samoan Disaster **295**, 1041.
Kime, S.F.: The 1100: He Flies Not; Neither Does He Sink (Nelson) (C&D) **836**, 92.
Kime, Steve (BkRev) **887**, 91, **893**, 97.
Kimmel, H.E. **304**, 527.
Joint author: See: Knox, H.G.
Kincaid, E.H. **369**, 1635. **373**, 397.
See also: Ramsey, L.C.
Static Research **295**, 974.
Kinchley, H.A.: Flight Surgeon (Yanquell) (C&D) **887**, 85.
Kindell, N.M. **606**, 902.
Blue Flash **591**, 557. **593**, 795.
Kinert, J.O. **680**, 103.
The Navy Gets Bad Press: and for Good Reason (Buckley) (C&D) **895**, 93.
King, A.L.: Man the Books **348**, 238, 280. **350**, 604.
King, C.J., Jr.: Retention and the NAS Nugget (Webb) (C&D) **829**, 106.
King, C.R.: A Superlative Officer (anec) **878**, 68.
King, D.L.G.: Coffee Break (anec) **672**, 51.
King, E.E.: Overseas Expeditions **226**, 1911.
King, E.J. **329**, 670. **360**, 268.
and W.M. Whitehill: Admiral King and Naval High Command **596**, 1073.
Combat Operations, March 1944 to March 1945: **507**, 599.
Command Personality. E.B. Potter **791**, 18. **796**, 98, 99.
Fleet Admiral King **673**, 103.
Our Navy at War **496**, 757.
Portrait of. (C&D) **795**, 115. **799**, 101. **800**, 120, 121.
Salvaging S-51: **288**, 137.
United States Navy at War (Final Official Report to Secretary of Navy) **515**, 129.
Wrinkle or Two in Handling Men **241**, 427.
King, Ernest J.
See: Navy Sundowner Par Excellence. J.J. Clark.
Effects of increasing the size of battleships **193**, 387.
A German view of the strategic importance of the Panama Canal. F. Zadow. Tr. by E.J. King **151**, 803.
King of the Oceans. Harry Sanders **858**, 52. **861**, 95. **866**, 75, 76, 77. **868**, 82. **869**, 79. **872**, 89.
On "Column as a battle formation." **147**, 962.
Some ideas about organization aboard ship **129**, 1.
King, E.L.: Command **275**, 114.
King, E.R.: Safe Bearing (ProfNote). **753**, 143. **757**, 122.
King, E.W.: How the Navy Saves Dollars With Sense (ProfNote) **838**, 105.
King, J.E.: Fort Fisher Campaigns, 1864-1865: **582**, 843. **588**, 197.
King, J.H. **311**, 49.
King, John **669**, 107. **670**, 122. **680**, 103. **687**, 100.
King, O.H.: On Aids to Contentment **125**, 327.
King, P.B., and Carroll: Equipment for High Altitude Flying **259**, 1563.
King, T.A.: Ships of the National Defense Reserve Fleet Sail Again (ProfNote) **786**, 139.
King, W.C.
Naval Communicator--Specialist or Subspecialist? (C&D) **754**, 114.
Naval Gunfire Today and Tomorrow (C&D) **774**, 108.
Needed: A Credible Presence (C&D) **765**, 126.
Surface Ship Overhauls (C&D) **758**, 132.
Tropospheric Scatter: Communications Solution (ProfNote) **741**, 133.
Victory in Limited War (Parnell) (C&D) **800**, 117.
King (U.S.)
See: Cover Pictures--March 1961; New Navy.
King Alfred (Great Britain): All Hands Coal Ship (OldNav). Francis Poole **791**, 141.
King Alfred (HMS)
Makes World's Record in Gun Laying **131**, 985.
Trials **105**, 259.
King Edward VII (HMS)
Description **101**, 106. **112**, 881. **128**, 1331.
Loss of the King Edward VII **161**, 300. **162**, 652.
Makes Coaling Record **130**, 586.
King George V (HMS) **344**, 1419.
Description **137**, 292. **140**, 1421. **144**, 1640.
Illustration **144**, 1643. **145**, 1.
Illustration of Fire-Control Tower **144**, 1676.
King Island. C.H. Hilton **413**, 980.
Kingsbury, E.R.: Proceedings Cover--The American's Creed (C&D) **832**, 101.
Kingsley, D.M., Jr. **652**, 660.
Kings Point Graduates, Jobs Appear Good For (Nbk) **814**, 102.
Kinh Gay Canal: See: Operation Deep

Channel.
Kincaid, T.C. **685**, 112.
Naval Career **675**, 43.
Naval Corps, Specialization, and Efficiency **235**, 1491. **245**, 1169.
Present Problems of Naval Reduction **341**, 949.
Probability and Accuracy of Gunfire **224**, 1543.
Saving and Investment **255**, 783.
Kinkaid, T.W.
Aids to Contentment **125**, 326.
Amalgamation, a Failure? **117**, 308.
Examinations for Promotion **153**, 1405.
Naval Corps **169**, 496.
Naval Discipline **145**, 358.
Naval Personnel Legislation **148**, 1617.
Navy Yard Economy **138**, 609.
A Question in Discipline **153**, 1473.
Saving Money for the Navy **148**, 1723.
Should There Be An International Navy? **137**, 91.
Superdreadnoughts and Superman **162**, 503.
Kinnear, J.W., III (joint author): See: Macfarland, W.C.
Kinney, S.H. **612**, 211. **696**, 112.
All Quiet at Wonsan **618**, 859. **621**, 1274.
Case for Open Bridge **491**, 25.
Dry Tortugas **566**, 425.
Joint author: See: Wheeler, R.V., Jr.
Russia Decorated Non-Combatants **614**, 413.
Shades of Commodore Fyfe (anec) **542**, 433.
Tin Can Gold Rush **540**, 169.
Kinsley, H.W., Jr.: Wide Gold Stripe That Binds (anec) **688**, 167.
Kinsman, W.G.: Canada Must Face Reality **834**, 32.
Kintner, W.R. **662**, 112. **696**, 113. **703**, 115.
See: Book Reviews: Reinhardt, G.C.
American Responsibilities in the Nuclear Age **637**, 243.
Book Reviews **753**, 128. **757**, 129.
Joint author: See: Reinhardt, G.C.
The Military as an Element of Soviet State Power **629**, 771.
Political Limitations of Air Power **565**, 249.
Role of Military Assistance **697**, 76.
War, Politics, and Military **576**, 129.
Kinugasa (HIJMS) **288**, 215. **337**, 400.
Kipling, R. **578**, 424. **586**, 1341. **592**, 667.
Kipp, J.W.: Co-author: See: K.J. Hagan.
Kipp, R.M.: Damage Limitation: A New Strategic Panacea? (C&D) **752**, 112.
Kiralfy, A.: Influence of Democracy Upon Sea Power **460**, 767.
Kirchner, D.P. **668**, 102. **680**, 100. **687**, 101. **710**, 106.
American Harbor Defense Forts (Pict) **666**, 93. **670**, 121.
and E.R. Lewis: American Harbor Defenses: Final Era (Pict) **779**, 84. **783**, 106. **784**, 114. **789**, 108.
Coolest Head in the Caribbean (anec) **693**, 61.
Future of the Seaplane **699**, 54. **703**, 107.
Last Days of Peace in Pearl Harbor (Schmeider) (C&D) **844**, 92.
Martello-like Towers (C&D) **850**, 94.
Kirishima (HIJMS) **325**, 239.
Launched; description **149**, 233.
Kirk, A.G. **660**, 113. **679**, 108. **694**, 116.
Methods of Exterior Ballistic Computation **213**, 1777.
Trajectories and Their Corrections **198**, 1375.
Kirk, N.T. **488**, 1359. **493**, 319. **499**, 1155. **502**, 1514.
Book Review **747**, 131. **755**, 121. **762**, 125. **878**, 93.
Father of American Naval Engineering (OldNav) **626**, 487.
Foote at the Barrier Forts (OldNav) **623**, 127. **631**, 1049.
Last Battle of the Monitors (OldNav) **624**, 240.
Navy Gets Its First Reserve (OldNav) **628**, 726.
Origins of American Naval Photography (Pict) **580**, 639.
Origins of the Navy's War Staff (OldNav) **627**, 615.
Sentinel for a Century: the Proceedings, the Navy, and the Nation, 1873-1973: **848**, 96.
T.A.M. Craven at Mobile Bay (OldNav) **630**, 963.
U.S. Marines Enter the South Seas (OldNav) **625**, 360.
USS Virginia, Wheelhorse of the Fleet (OldNav) **63b**, 237.
Kirkendall, R.S. (BkRev) **863**, 91.
Kirkland, R.G.: Naval Air Training: A Change Is Needed (Wright) (C&D) **816**, 89.
Kirkland, W.A. **455**, 150.
Kirkman, C.T.: Shanghai Duty, 1937-38 (Pict) **864**, 79.
Kirkpatrick, J. **344**, 1400.
Promotion for Enlisted Men **347**, 15. **357**, 1655.
Submarine Service for Profit and Pleasure **313**, 193.
Kirkpatrick, J., Jr. **373**, 404.
Kirkpatrick, R.Z. **452**, 1471.
Columbus in Panama **421**, 339.
Darien Disaster in Panama **479**, 48.
Nicaraguan Canal **297**, 1187.
Not His Fault (anec) **552**, 211.
Not Yet, Admiral, Not Yet (anec) **554**, 445.
Panama Tides **278**, 660.
Pioneer in Hemisphere Defense **468**, 232.
Previous Training (anec) **550**, 1527.
Some Naval Missions Ashore **533**, 830. **539**, 79.
Strain's Panaman Expedition **390**, 1128. **393**, 1735.
Tarawa and Makin Area Century Ago **522**, 1072.
We Caught Big One! (anec) **542**, 455.
Kirkpatrick, T.G.: Great White Fleet Survivor Dies (C&D) **851**, 74.
Kirkwall Harbor: Photograph of Trawler opening submarine net across Kirkwall Harbor **165**, 1629.
Kiska, Mysterious Withdrawal from. Masataka Chihaya **660**, 31.
Kiska Dry-Run. C.M. Blackford, III: **769**, 56.
Kitchener, H.H. **460**, 791.
Kitchener, Sir Herbert: See: Gunboats in the Desert.
Kite Balloons **249**, 1935.
See also: Aeronautics; Balloons.
Kites
Experiments (1904) in Germany with War Kites **111**, 676.
Increasing wireless range by Kites **159**, 1667.
Man-Lift, in Navy. A.M. Charlton **428**, 1452.
Man-lifting kite experiments at Portsmouth, 1908: **128**, 1355.
Used by USS Salem in wireless distance tests **146**, 887.
War Kites **75**, 657.
Kitt, R.B.: Good Position to Be In (anec) **656**, 1121.
Kittelle, Sumner E.W.
Navy Yard Problems **143**, 1097.
Training Ships **102**, 291.
Kittery (U.S) **403**, 1265.
Kittredge, G.W.
Buoyant Escape **662**, 60.
Danger of Pre-Conceived Naval Strategy **598**, 1324. **601**, 321.
Impact of Nuclear Power on Submarines **614**, 419. **617**, 807. **621**, 1271.
Stalking the Takao in Singapore Harbor **650**, 392. **652**, 663. **653**, 779.
Under the Polar Cap: A Voyage That Must Be Made **660**, 61.
Kittredge, T.B. **637**, 328.
A Military Danger **629**, 731.
Kjellman, J.V.
This Way to the Egress (C&D) **769**, 107. **773**, 110.
UDT Comes of Age (C&D) **748**, 118.
Kjølsen, F. **537**, 1377.
Lesson in Diplomacy (anec) **755**, 65.
A Paralyzing Crisis (anec) **818**, 33.
Something is Rotten in Denmark (anec) **764**, 85.
Klaaszoon, Regnier: See: Frost, H.H. **191**, 29.
Klapp, O.E.: Matthew Fontaine Maury, Naval Scientist **513**, 1315.
Klebe, Gene (artist)
F-14 Grumman Tomcat--June 1973 Cover.
Helicopter Minesweeping, Suez Canal--July 1975.
Operation Snowy Beach--July 1973 Cover.
Kleber (Fr. cruiser)
Description **104**, 963.
Sunk by Mine **174**, 1863.
Klein, D.J.: Cost Effectiveness--Fact or Fancy (C&D) **744**, 116.
Klein, F.N., Jr. **408**, 254. **526**, 1591.
Klein, J.: American Foreign Trade **277**, 539.
Klein, J.H., Jr.: Career of the Mexican Gunboat Tampico, (illus) **181**, 527.
Klein, J.H., Jr., Tr.
Aust, Lieutenant. War Cruises of HMS Karlsruhe **179**, 15. **180**, 265.
Mucke, H. von. Ayesha (illus) **166**, 1871. **167**, 43.
Mucke, H. von. Emden (illus) **163**, 773. **164**, 1192.
Klepak, P.H. **678**, 102. **723**, 149.
Book Review **732**, 121.
Image of Command (Edwards) (C&D) **809**, 102.
Public Information (anec) **650**, 385.
Visit to Yemen (ProfNote) **723**, 149.
Kline, A. **373**, 407.
Leadership of Nelson **364**, 793, 947.
Kline, R.L. **558**, 946.
Klingenmeier, R.J., Jr. **642**, 875.
Klippert, R.H., Jr.: Sea Control Aircraft: The Case for the Chopper **866**, 46. **876**, 81, 82.
Kloman, H.F.: Law and Outer Space **706**, 44.
Knape, David R. **625**, 337. **709**, 107.
Knapp, H.S. **241**, 544.
International Outlook **221**, 1023.
Limitation of Armaments **243**, 767.
Naval Officers in Diplomacy **259**, 1473. **289**, 309.
Onward and Upward **224**, 1509.
Results of some Special Researches at the Torpedo Station **67**, 249.
Tests of Southern Coals **76**, 747.
Knapp, Harry S.
The Fleet and Its Personnel **110**, 427.
Graphic Solution in Coast Navigation **103**, 573.
Hints on the Study of Naval Tactics **126**, 679.
The Navy and the Panama Canal **147**, 931.
Panama Canal in International Law **145**, 95.
Problem of the relation between two bearings of a single object and its distance when abeam **129**, 185. **131**, 949.
Real Status of Panama Canal as regards neutralization **133**, 61.
Star Identification **144**, 1529.
Training of Landsmen **104**, 895.
Knapp, Harry S., Tr.: Conquest of Territory Overseas. R. Daveluy **127**, 957.
Kneitel, R.F. **846**, 72.

Knerr, H.J. 417, 1633.
Knight, A.M. 273, 2226.
Aims and methods of the War College 158, 1223.
Estimate of the situation 157, 765.
A Messenger-Pigeon Service in Connection with Coast Defense 72, 789.
On a combined army and navy war college 168, 291.
Professor Philip Rounseville Alger, U.S. Navy. An Appreciation 141, 1.
Steel: Its Properties... (Rev) 45, 445.
Knight, E.H., Jr.: Anchoring by the Minute (anec) 697, 41.
Knight, H.G.: The Law of the Sea and Naval Missions 892, 32.
Knight, J.R.: A Question of Values (C&D) 861, 93.
Knight, R.H.: Seismology and Navy 378, 1110, 1137.
Kniskern, L.A. 348, 277.
Cruiser Program 343, 1229.
Kniskern, M. 695, 116. 699, 122.
Commissioned Vocation 689, 49.
Officer Policy in Post-War Navy 523, 1191.
Officer Specialization and Post-War Navy 522, 1035. 525, 1467. 528, 204.
Knoll, D.W.
Bathymetric Navigation (C&D) 746, 114.
Book Review 742, 125.
Knopke, W.R. 686, 115.
Knott, R.C.: Who Owns the Oceans? 841, 65.
Knowles, J.A., Jr.: Blue Water Monitor 841, 78. 846, 96. 847, 93. 851, 87.
Knox, C.V.S.: Metal-clad Airship 330, 741.
Knox, D.W. 242, 663. 284, 2168. 293, 820. 306, 722. 313, 248. 326, 361. 348, 310. 353, 1059. 365, 1090. 369, 1673. 415, 1327. 479, 97. 526, 1593. 535, 1109. 547, 1163. 558, 945. 567, 567. 576, 204. 581, 767. 590, 448. 597, 1264. 599, 95. 601, 328. 613, 340. 650, 449. 651, 555. 669, 115.
Abortive Duel on Hicacal Point 547, 1081.
Absence Over Leave 140, 1411.
Adams Men-of-War 357, 1549. 358, 1845.
Adventure in Diplomacy 276, 273.
Another Side of 5-5-3 Argument 272, 1985.
Battle of Jutland 265, 501.
"Column" as a battle formation 147, 949.
Comments on nine naval treaties 348, 319.
D'Estaing's Fleet Revealed 384, 161.
Development of Unification 574, 1309.
Developments in Limitation of Naval Armaments 284, 1985.
Dispersion and Accuracy of Fire 145, 355.
Disturbing Outlook in Orient 424, 797.
Documents on Naval War with France 386, 535.
Dudley W. Knox (1877-1960) 693, 103.
Early Naval Use of Rocket Weapons 516, 257.
Elements of Leadership 214, 1883.
Excerpt from "D'Estaing's Fleet Revealed," February 1935: 872, 35.
Excerpt from "Yorktown: September-October 1781," August 1945: 872, 64.
Experiments on Washington and Bombing Effects 263, 128.
Forgotten Fight in Florida 398, 507.
General Problem of Naval Warfare 161, 23.
Geneva Failure Should Stir U.S. 287, 83.
Gibson's Geneva Address 316, 532.
The Great Lesson from Nelson for Today 150, 295.
Importance of Leadership 205, 335.
Japanese Situation 391, 1277.
Japan's Drive for World Trade 380, 1414.
London Treaty and American Naval Policy 342, 1079. 345, 1563.
Naval Aspects of War-Debt Question 351, 685.
Naval Historical Foundation 538, 1479.
Naval Personnel Legislation 148, 1607.
Naval Policy and Sea-Borne Commerce 320, 853.
Naval Power as Preserver of Neutrality and Peace 411, 619. 416, 1469.
Navy and National Life 376, 774.
Navy and Public Indoctrination 316, 479. 317, 657.
Navy's History Program 487, 1196.
New Cruiser Program 300, 151.
New Japanese Cruiser 279, 969.
New Naval Conference Predicted 265, 498.
Old Principles and Modern Applications 152, 1009.
Our Post-war Mission 198, 1293.
Our Stake in Sea Power 296, 1087.
Our Vanishing History and Traditions 275, 15.
The Petty Officer Question 148, 1576.
Porter's Dire Need of Bases 369, 1537.
Problems of Defense of Panama Canal 254, 647.
Progress of Naval Historical Foundation 567, 545.
Role of Doctrine in Naval Warfare 156, 325.
Sea Power and Pocket-books 274, 2231. 277, 495. 282, 1579.
Second Naval Parley Needed 264, 339.
Ships That Count 365, 959. 368, 1493, 1524. 369, 1626. 404, 1419. 410, 559. Reprint: 404, 1419.
Some Underlying Principles of Morale 166, 1753.
Source of American Naval History 329, 588.
Trade 297, 1207.
Trained Initiative and Unity of Action: The True Bases of Military Efficiency 145, 41.
Training of Seamen 102, 305.
Transfer of French Colonies 278, 743.
Washington Treaty Permits Oil-Burning Vessels 256, 993.
Washington Views Naval Preparedness 354, 1103.
Yorktown, September-October 1781: 510, 952, 1005.
Knox, F. 491, 117.
Knox, H.G.: Electric Propulsion for Battleships 157, 801.
Knox, H.G., F.R. Harris, and H.E. Kimmel: Naval Bases--Past and Future 512, 1147.
Knox-King-Pye Board 210, 1265. 318, 746.
Knubel, J.A., Jr.: Britannia Royal Naval College (ProfNote) 756, 133.
Knuepfer, G.: Center of Typhoon 449, 1003.
Koblinski, G. von: German Navy 364, 815.
Koburger, C.W., Jr.
Kuwait Confrontation of 1961: 851, 42.
Legal Background to Suez Crisis 649, 315.
Omega: A Status Report (ProfNote) 872, 118.
Koch, F.L., Jr.: Pictorial--Ship Camouflage (WWI): Deceptive Art (Sumrall) (C&D) 825, 95.
Koch, F.P.H.M.: Royal Netherlands Navy in the Caribbean (ProfNote) 830, 118.
Koch, R.A.
Present Naval Situation 240, 287.
Promotion of Navy 218, 559.
Simplified Methods of Compass Correction 142, 617.
Koch, R.J., Jr.: Our Crowded Skies 811, 26. 818, 93.
Kochis, R.A. (Photog): Saratoga Replenishes from Detroit--May 1976 Cover.
Koczwara, Cris (artist): Apollo 7 Launch--December 1972 Cover.
Koenig, Joseph W.: Oklahoma: Up From the Mud at Pearl Harbor (C&D) 878, 86.
Koester, O.W.: The Torpedo-boat, Destroyer and Depot 92, 851.
Koestner, E.J.: Real Problem (anec) 539, 35.
Koga, M.: Admiral Who Lost His Fleet. T. Wilds 585, 1175. 605, 784. 608, 1131.
Kohl, W.B.: "Jaycock" Story (Pict) 635, 71.
Kohn, H. 610, 1372.
Kohn, R.H.
All-Volunteer Army: Too High a Price? 853, 35. 857, 93. 858, 92. 863, 76, 77. 868, 80.
United States Navy for the Future (Smith) (C&D) 820, 87.
Koja Tepe (Turk.) 346, 1717.
Kola
New Russian Harbors 163, 942.
New Russian Seaport at Kola, (map) 161, 258.
Kolbenschlag, G.R.
Harvest Moon, Yankee Landmark in Carolina (OldNav) 769, 150. 775, 117.
Minesweeping on the Long Tao River (Pict). J.A. Johnston and R.E. Woods, Jr. (photog.) 772, 88.
Mothball Fleet (Pict) 746, 88.
Kolberg (Ger. cruiser): Launched; description 129, 290.
Kolchak, Alexander V.: Short Sketch of Career 172, 1329.
Kolcum, E.H.: Tactical Air Command's Mobile Strike Force Concept (ProfNote) 658, 1364.
Köln (German) 328, 546. 337, 403. 347, 126. 350, 617. 353, 1075. 354, 1225.
Description 135, 865.
Kolodziej, E.A. 723, 130.
Komandorskis, Battle of: Komandorskis--Little-Known Victory. W. Karig and E. Purdon 525, 1411.
Komar-class PT boats (Rus.): See: Aftermath of the Elath.
Komorowski, R.A. 769, 115.
and J.W. Weiser: Old Weapon for a New Problem 639, 504.
I Have Not Yet Begun to Fight (anec) 830, 67.
Joint author: See: J.P. Kane.
Latin America--An Assessment of U.S. Strategic Interests (NavRev) 843, 148. 850, 93.
Let's Show the Grape With the Flag (C&D) 762, 123.
Spain and the Defense of NATO (NavRev) 879, 190.
Tactical Development in the Fleet (Smith) (C&D) 882, 80.
Wanted: A Czar for Amphibious Forces (Smaldone) (C&D) 897, 73.
Konel Metal 320, 905.
Kongo (HIJMS) 325, 239.
Description; plan 143, 1141.
Illustration 147, 1351.
Trials; illustration 146, 861.
Kongos in World War II. W.S. Howard 549, 1401.
Kongos in World War II: 555, 589.
König, Paul: The German Merchant Submarine Deutschland, (illus) 164, 1307.
König (Ger.) 405, 1611.
Armament of. 150, 506.
Description; plans 164, 1273.
Illustration 158, 1273.

Konigin Luise (Ger. minelayer): Sunk by British Destroyers 153, 1566.
Konigsberg (German) 328, 546. 335, 134. 337, 403. 357, 1676.
Destruction of the. 158, 1388.
Fate of the. 156, 670. 159, 1759.
Official account of the destruction of the. 162, 667.
Reported sunk 155, 270.
Konig Wilhelm (Ger. cruiser): Description 102, 331.
Koningin Regentes (Dutch hospital ship): Torpedoed 185, 1554.
Koon, S.G.
American Naval Strength 263, 120.
Naval Strength of the Nations (1908): 127, 1087.
Kopec, B.M.: Ships of the U.S.-Flag Intermodal Fleet (NavRev) 867, 212.
Korb, J.H.: Night Vision 524, 1341.
Korea
American Navy in the Orient in Recent Years. C.O. Paullin (1911): 140, 1137.
Back to Facts of Life. J.D. Hittle 574, 1289.
Balance Sheet on Korea. S.S. Stratton 614, 367.
Books for Naval Academy 580, 655, 679. 584, 1135.
Books on Korea. L.H. Bolander 571, 1031.
Carrier Operations in Korea. M.W. Cagle and F.A. Manson 653, 699.
Changjin Reservoir: Bloody Breakout. W.J. Davis 605, 737.
Chinhae--Old Korean Port Gone Modern 612, 163.
Comments on "The Sea War in Korea" 664, 107.
Crimea and Korea. J.M. Spaight 605, 753. 609, 1251.
Did We Lose the Korean War? R.W. Daly 700, 33.
Errors of the Korean War. M.W. Cagle 661, 31.
Flight of Filliloo Bird. A.S. Hill 599, 45.
Helicopters: "On the Way from Tread!..." 595, 969.
Inchon--Analysis of Gamble. M.W. Cagle 611, 47.
Iowa-Class Battleships off Korea (Pict) 593, 785.
Japan's View of Korea. H.E. McCracken, Jr. 828, 41.
Katusa--An Experiment in Korea. S.P. Edwards, Jr. 659, 31.
Korea: Acid Test of Containment. S.S. Stratton 589, 237.
Korea and Japan: Neighbor's Keepers? Hyman Kublin 632, 1085.
Korea--A Reflection From the Air. S.B. Folsom 641, 733.
Korean Armistice Agreement: The Foot of a Duck. D.L Martin and A.D. Nastri 890, 24.
Korean Expedition of 1871. K.J. Bauer 540, 197.
Korean War: "Right on the Button:" Marine Close Air Support in Korea. J.S. Thach 873, 54.
Lessons, Some, of War in Korea. C. Rougeron 604, 635.
Liberation of South Korea (Pict) 575, 73.
Life Lines for Korea (Pict) 601, 310.
Limited War--Limited Peace? E.J. Carroll, Jr. 766, 30. 774, 109.
Marine Force, Fleet, Korea. L. Montross 606, 829. 607, 995.
Naval Aviation in the Korean War. G.E. Wheeler 653, 762.
Naval Hero. P.J. Searles 317, 589.
Naval Lesson of Korean Conflict. H.W. Edwards 622, 1337.
Navies, Allied: Hail, Hail, Gang's All There. W.B. Hayler 605, 749.
Navy
Lord of the Turtle Boats. G.M. Hagerman 778, 66.
ROK Navy. D.C. Holly 597, 1219. 600, 205. 608, 1134.
Notes on History 506, 439. 509, 834.
Our Brief Clash with Korea. G. Howell 393, 1624.
Our Other War in Korea. W.M. Leary, Jr. 784, 46. 792, 112. 797, 110.
Railway Construction 357, 1679.
Re-Estimate of Situation: Tortoise Boat of 1950. G. Richards 572, 1057.
Sea War in Korea. M.W. Cagle: See: Russia, Soviet Translation of Naval Institute Book.
Shall We Blow Them Up? G.H. Miller 600, 151.
Standby Squadron. W.H. Vernor, Jr. 593, 729.
Strength and Weakness in Asian Littoral. P.B. Brannen 670, 68.
Tortoise Boat, 1592: See: Cover Pictures--July 1957.
Treaty of Commerce and Amity, 1882. W.G. David 473, 949.
Truce Talks, Korean: First Phase. J.C. Murray 607, 981.
Twice Across Rainbow. C.L. Harrison 591, 515.
Why We Are Fighting in Korea 571, 1016.
Why We Fought. W.F. Prickett 617, 751.
Wolmi-Do: Turning the Key. R.A. McMullen and N.A. Canzona 637, 291.
Wonsan, All Quiet at. S.H. Kinney 618, 859. 621, 1274.
Wonsan: Battle of the Mines. M.W. Cagle and F.A. Manson 652, 598.
Yi-Sun Sin, Admiral 600, 205. 614, 455.
Yi-Sun Sin Defeated Japan at Sea. R.C. Smith III: 496, 691.
Yodo Island: Military Bargain Basement. J.M. Wright 617, 773.
Korea's Ward Room Mess. C.F. Goodrich 112, 695.
Koritz (Rus.): See: Chemulpo, High Noon at.
Kormoran (Ger.)
German Raider Kormoran--Sydney's Nemesis. R.S. Pattee 574, 1299.
Sinking of Sydney. J. von Gosselin 601, 251.
Kornfeder, J.Z. (joint author): See: Green, M.M.
Korrell, H.J.F., Jr.: An Optimist Looks at Reductions (C&D) 823, 97.
Kort, R.P.: MSTSLANT Firefighting School (ProfNote) 732, 138.
Kortenaer (Neth.) 336, 257.
Korth, Fred: Challenge to Navy Management 726, 26.
Kort Nozzle for Propulsive Efficiency. R.F. Winter 681, 61.
Kosar, W.S.: "Hercules Unchained" 884, 151.
Kosco, G.F. 581, 763.
Koszta Affair
Personal Narrative of the. R.C. Parker 289, 295, 335.
Salvo-Less Naval Victory. T.F. Barrett 581, 745.
Kotetsu: See: Stonewall.
Kotite, N.J. (co-author): See: S.J. McCrory.
Kotlin-class destroyer, characteristics of Destroyer Seakeeping: Ours and Theirs. J.W. Kehoe, Jr. 849, 26. 856, 99.
Kotrla, R.A.
Book Review 790, 124.
Naval Intelligence Specialists Trained on Post-Graduate Level 535, 1061.
Kotsch, W.J. 695, 112. 481, 413.
Atmospheric Control 581, 723.
Forecast: Change 779, 69.
Jet Stream 598, 1349.
Outranked, Outflanked, But Not Outranged! 754, 78.
Six-Day War of 1967: 784, 72. 787, 113. 789, 105.
Weather Control and National Strategy 689, 74.
Kotsch, William: Tanks of August 1968: 795, 86. 800, 103.
Kousoulas, D.G.: Guerrilla War the Communists Lost 723, 66.
Kovarick. F.L.: Conscientious Yeoman (anec) 696, 41.
Koyanagi, T.: With Kurita in Battle for Leyte Gulf 600, 119.
Krab (Rus.): Submarine Mine-Layer. A. Loukine 372, 197.
Kra Canal: Proposed: A Kra Canal. R.D. Duncan 736, 48.
Krafft, H.F.
Commodore John Downes 299, 36.
Constitution In Miniature 314, 364.
Evolution of Naval Museum 277, 476.
Flogging in Navy 313, 270.
Memorials and Naval Heroes 322, 1047.
Memorable Shipwrecks 307, 759.
Long Cruise of Naval Academy Ship Models 326, 301.
New Lease of Life for Old Ironsides 272, 1938.
Old Ironsides and Academy 316, 564.
One or Other 321, 974.
Sea Power and American Destiny 218, 473.
Ship Models at USNA 258, 1257.
Slogans of Navy 290, 519.
Kraft, Carl and Nell: USCGC Taney: Still in Service 35 Years Later 886, 50.
Kraft, J.C.: The Last Triple-Expander 888, 58. 895, 87.
Kraft, Nell (Co-author): See: Carl Kraft.
Krag-Jorgensen Rifle: Compared with Springfield 1902: 107, 772.
Kra Isthmus: Bypassing Malacca (Prof-Note). Lawrence Griswold 844, 105.
Krakatoa Volcano 377, 903. 378, 1097.
Eruption of Krakatoa. J.E. Pond 402, 1141.
Kramer, Gerhardt: Forehandedness (anec) 689, 60.
Kraus, S.P.: Fleet Air Arm of Royal Australian Navy (ProfNote) 717, 147.
Krause, R.E. 297, 1214. 406, 1771. 437, 1033, 1039. 519, 709. 523, 1219. 533, 839. 554, 469. 566, 439. 570, 912. 574, 1372. 584, 1107. 585, 1225. 587, 85. 605, 783. 639, 543. 668, 113. 678, 105, 122. 697, 108. 702, 105. 704, 116. 710, 108.
Krause, R.E.
As translator: See: Kurt Assmann; H. Assmann.
Can Sweden Defend Herself? (C&D) 779, 110.
Cooperation Between German Army and Navy 437, 987.
First Element of Training For War 340, 776.
Genesis of America's Oceanic Power (C&D) 742, 112.
German Naval History of World War 397, 321.
German Navy under Joint Command in World War II: 535, 1029.
How Young We Were (Ryan) (C&D) 795, 108.
Human Factor in War 390, 1065.
Morale for our new navy 218, 519.
Navigation Fixes From Random Bearings (Seteroff) (C&D) 804, 89.
Never Miss Pay Day--You Can Fight Anytime (anec) 705, 144.
The New Military Professional (Jesse) (C&D) 868, 84.
Persuading the U-Boats (C&D) 746, 106.
Racial Characteristics and Fighting Capacity of German 562, 1381.

Krause, R.E. (Cont.)
Rating the Russians as Fighters **694**, 49.
Soldier's Prayers (anec) **700**, 62.
There Is Pride in Every Profession (anec) **737**, 60.
Torpedo Fire From Surface Craft **310**, 1051.
Trend of Naval Affairs **266**, 521.
War and Peace **418**, 1724.
Whither Germany? **617**, 755.
Krauss, A.N.: Navy Medicine: A New Prescription (Flynn) (C&D) **834**, 89.
Krauter, G.E.: U.S. to Remove Nuclear Plant from Antarctica (Nbk) (C&D) **866**, 79.
Kravath, F.F.: Is a United States of Europe Possible? **664**, 73.
Kray, E.G.: The Uncertain Image (C&D) **773**, 111.
Krebe, M.A. FRAMP Training (C&D) **811**, 94.
Kremlinology, Naval (C&D) **875**, 70.
Kreutzberger, D.J.: Image of Command (Edwards) (C&D) **811**, 98.
Krick, H.D. **600**, 209.
Krieger, Dennis H.: The Naval Shore Establishment and Parkinson's Laws (Morton) (C&D) **875**, 72.
Kroger, B.G.: Air Exhaust Replaces Sea Chanties (ProfNote) **646**, 1343.
Kronprinz (Ger. battleship): Launched, Description **150**, 506.
Kronprinzessin Cecilie (SS)
Cost of Repairs **174**, 1795.
The Kronprinzessin Cecilie Case **172**, 1292.
Kronprinz Wilhelm (Ger. raider)
Interned at Newport News **157**, 987.
Saga of Modern Sea Raider. C.R. Brown **444**, 238. **446**, 617.
Krout, M.H.
Perry's Expedition to Japan **216**, 215.
Rear Admiral Wilkes **253**, 405. **257**, 1131.
Kruesi, G.G.: Radio Direction Finder **336**, 265.
Krulak, A.C. **638**, 440.
Krulak, V.H. **643**, 1003. **649**, 331. **669**, 114.
See also: Naval Institute--Distinguished Visitor Program.
Book Review **736**, 127.
Low Cost of Freedom **809**, 68. **814**, 82. **815**, 88. **817**, 93.
Krupp, Alfred: A Sketch of His Life. K.W. and O.E. Michaelis (Rev) **47**, 775.
Krupp and De Barge. O.E. Michaelis, Tr. **47**, 777.
Krupp's Trials of a New Powder (Tr.) A. Gleaves **49**, 389.
Krutein, M.G.: Ocean Mining (ProfNote) **795**, 135.
Kryske, L.M.
Book Review **864**, 88.
Gunboats in the Desert (Parnell) (C&D) **794**, 110.
NROTC at UCLA--The Colors Still Fly **826**, 18.
Navy Without Weapons? (Bonner) (C&D) **847**, 84.
"...Ruler of the Queen's Navee..." **839**, 72. **846**, 95.
Kublin, H. **608**, 1134. **627**, 584.
Admiral Enomoto and Imperial Restoration **602**, 409.
Century of Port Arthur **651**, 505.
Commodore Perry and Bonin Islands **589**, 283.
Japanese Empire: Interlude in East Asia **610**, 1349.
Korea and Japan: Neighbor's Keepers? **632**, 1085.
Okinawa: Key to Western Pacific **622**, 1359.
Kuehl, H.F.: Automation: Passing of Paper Palaces (ProfNote) **732**, 136.
Kuhne, M.D.: Can Do! Should Do? (NAMB) **889**, 86.
Kuhns, J.E.: United States Merchant Marine (C&D) **739**, 118.
Kuiper, T.B.H.
Modern Destroyer Bridge Design (C&D) **784**, 113.
Ph.D. in Uniform (C&D) **770**, 113.
Kula Gulf, Battle of: Some Shall Escape. J.L. Chew (As told C.L. Lewis) **510**, 887.
Kumm, W.H.
One Support Ship for Inner and Outer Space? **813**, 28.
What's Going on Down There? **842**, 37. **846**, 91.
Kumpe, George **680**, 112.
Kuncas, J.W.: Something Missing (anec) **636**, 183.
Kundts, J.H.; Baltic Squadron for NATO? (Wegener) (C&D) **856**, 99.
Kungsholm (motor ship) **313**, 240.
Kunjali: Great Hereditary Admiral of Calicut (OldNav). J.M. Windas **814**, 70.
Kunté, M.B.: The Captain's "Sargent" (anec) **791**, 111.
Kuntze, A.C.: When in Doubt... (anec) **689**, 145.
Kurak, Steve **779**, 104.
Operation CHASE **775**, 40.
Ordnance Replacement Program (ProfNote) **759**, 154.
U.S. Navy's Torpedo Inventory (ProfNote) **763**, 144.
Kurama (Jap. battleship): Launched; description **124**, 1524.
Kuriles: Our Cruise in. H.H. Frost **260**, 1665.
Kuro-Siwo, or Current of Japan. H.G. Dresel, Tr. **61**, 145.
Kurth, R.J.: The Military and Power in the United States **747**, 38. **751**, 108, 110, 111.
Kurtz, H.G. **703**, 100.
Kurzak, Karl Heinz: German U-Boat Construction **626**, 375.
Kusebauch, A.
Boats vs. Beads (anec) **628**, 665.
No Very Deep (anec) **613**, 318.
Kusewitt, J.B.
and W.A. Speer: Combat Readiness Training **805**, 45. **809**, 96. **813**, 83. **815**, 83. **817**, 89.
Future of Navy VTOL Systems **847**, 25.
Logistics Support of Embarked Aviation **863**, 41.
Kussart, Walter **692**, 107.
Kut, Airlift to. A.P. Sights, Jr. **827**, 50.
Kuwait
Kuwait Confrontation of 1961. C.W. Koburger, Jr. **851**, 42.
Kuwait Shows Royal Navy's Limited War Potential (ProfNote). Desmond Wettern **707**, 143.
Kuzmack, A.M.: 1974 (Bagley) (C&D) **809**, 100.
Kytle, J.
At East, Sir (anec) **611**, 55.
Dangerous Waters (anec) **616**, 635.
Get on Top of the Ball! (anec) **662**, 47.
Obvious and Ominous (anec) **608**, 1090.
Of All People (anec) **610**, 1335.
Say It Again! (anec) **606**, 857.

L

L-1 (USS) **330**, 711.
Description **163**, 966.
L-3 (USS) **330**, 711.
L-4 (USS) **330**, 711.
L-8, Mystery of (OldNav). Irwin Ross **805**, 84.
L-10 (USS) **330**, 711.
L-11 (USS) **330**, 711.
L-15 (Ger. Zeppelin): Photograph of the L-15 sinking off Kent after having been brought down by coast batteries **163**, 1001.
L-16 (Rus.): Russian Book on the L-16 Incident (C&D) **770**, 110. **777**, 111.
L-24 (HMS) **253**, 446. **254**, 635.
L-33 (HMS) **207**, 759.
L-59 (airship) **235**, 1582.
L-72 (German) airship **207**, 777.
LaBarrease, W.D.: The Merchant Marine--Awash in Manpower Problems (Miller) (C&D) **851**, 82.
Labor
See also: Items under U.S. Navy yards, stations and bases.
Costs Compared **335**, 114.
The Industrial in Modern War. R.D. Gatewood **163**, 757.
The Navy Yard Spirit. C.W. Fisher **177**, 2495.
Safety and Welfare of the Workman. A.B. Willits **153**, 1351.
Labor and Unions
Is Military Unionization an Idea Whose Time Has Come? J.E. Kane et al: Part I **885**, 36. Part II: **886**, 24. **889**, 75, 82. **890**, 76, 77. **892**, 92. **894**, 68. **895**, 86. **897**, 74.
Merchant Marine--Awash in Manpower Problems W.M. Miller, III: **836**, 61. C&D: **851**, 82. **858**, 85.
Our Merchant Mariners and Their Unions (NavRev). E.P. Lunsford, Jr. **867**, 66.
Sea Power: A Commentary (NavRev). J.D. Hayes **807**, 337.
Should Military Unionization be Permitted? C.L. Parnell **893**, 18. **896**, 70. **897**, 75.
A Union Leader Looks at the Merchant Marine (NavRev). Paul Hall **855**, 178.
Labor Problems: Army Cargo Stranded in San Diego (Nbk) **753**, 156.
Labor Relations
Changing Climate in Federal Labor Relations. Chantee Lewis **745**, 60. **749**, 108.
Labor Relations and Navy. J.J. Collins **483**, 703.
Labor-Unionism: See: Westervelt, C.W.: Navy yard manufacturings costs, and discussion by Colburn, F.G., Cluverius, W.T.; Tardy, W.B., and Goodrich, C.F. **148**, 1617.
Labrador (Can.)
See also: Cover Pictures--November 1958.
Northwest Passage (C&D) **726**, 107.
LaBrecque, L.R.: Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 75.
Labres, R. von: Strategic Problems and Their Solution. J.F. Leys, Tr. **153**, 1409.
Lackey, H.E.
Aid to the systematic firing of marine boilers **115**, 599.
For want of wrinkle ship was lost **287**, 123. **250**, 1997.
Lackner, P.R.
Ocean Shipping and Control **565**, 309.
Special Weather Phenomena of Pacific **597**, 1199.
Tropical Cyclones Throughout World **511**, 1059.
Laconia (SS): Sunk by Submarine **170**, 877.
LaCorrentina (SS): Fate of. **155**, 281.
Lacroix, Eric: Those Mysterious Midgets (Stewart) (C&D) **868**, 83.
Ladders, Ships' **390**, 1202.
See also: Pilot ladders.
Lademan, J.U., Jr.
Battle of the Philippine Sea (Buell) (C&D) **859**, 88.
New Type for Navy **352**, 865.
USS Gold Star--Flagship of the Guam Navy **850**, 67.
Ladies, Those Capricious (ProfNote). M.L.

Duke 813, 97.
Lafayette Flying Corps. Testing Recruits for Lafayette Flying Corps 174, 1815.
Lafayette No. 2 (SS) 334, 1140.
Lafayette Radio Station 210, 1353. 214, 1903.
Lafayette (SS) 328, 545. 330, 758.
Salvaging USS Lafayette. H.O. Austin 582, 811.
Laffey (U.S.): Seventy-Nine Minutes on Picket Line. F.A. Manson 559, 997. 562, 1413.
Lafitte, J. and P.
Pirates, Patriots, or Adventurers? 304, 532.
Visit to Lafitte. J.M. McIntosh 304, 533.
Lafitte, Jean: Piracy in West Indies. C.G. Calkins 140, 1200.
LaFond, E.C.: Arctic Oceanography by Submarines 691, 90.
Laforest, T.J. 782, 98.
Strategic Significance of the Northern Sea Route 778, 56.
La Galissonniere (Fr) 348, 286, 290. 350, 616. 352, 924. 353, 1074.
La Gloire (Fr): See: Augustin-Normand, Paul.
Lahn, J.A.: Navy and Air Requirements 282, 1481.
Laidlaw, F.B. 600, 204. 603, 572.
History of Prevention of Fouling 593, 769.
Laing, F.W. 631, 1051.
Morale Was High in Those Days (anec) 673, 47.
Now Hear This (anec) 598, 1313.
Lair, H.P.: Barometers Are Liars! (anec) 535, 1043.
Laird, M.R.
Statement of Secretary of Defense Before House Committee on Armed Services (NavRev) 807, 431.
Statement of Secretary of Defense Before Senate Committee on Armed Services re Defense Budget (NavRev) 807, 416.
Statement of Secretary of Defense Before Senate Subcommittee on Department of Defense Appropriations Amendments (NavRev) 807, 442.
Laird, O.C. 454, 1786. 468, 252. 471, 706.
Lais, A.: Italian Front Armistice 316, 570.
Lake, B.F.: Can We Really Afford Surface ASW Ships? (Alexander) (C&D) 863, 85.
Lake, J.S., and R.V. Hartman: Air Electronic Warfare 884, 42.
Lake, Simon
Simon Lake and His Early Submarines 649, 325.
Simon Lake's Boyhood Dream 652, 662.
Submarine for the Tsar. F.G. Babbitt 806, 46.
Lake City (SS): Sunk in Collision with SS James McGee 189, 2670.
Lake Champlain, Battle of
Battle of Lake Champlain. H.E. Washburn (map) 153, 1365.
Battle of Lake Champlain: Reproduction of Painting by Davidson 153, 1283.
Lake Edon (SS): Sunk 188, 2462.
Lake Erie, Battle of 270, 1473. 327, 373. 343, 1291.
Battle of Lake Erie, Sept. 10, 1813. R.W. Neeser 147, 921.
Reproduction of Painting by Chapman 147, 903.
Lakemoor (U.S.) 411, 630.
Lake Owens (SS): Sunk 188, 2464.
Lake Torpedo Boat Company: Suspends business 149, 246.
Lamar, President of Texas 403, 1306.
La Marea, Darien (SS) 331, 864.
Lamb, C.J. 306, 685. 312, 140. 326, 365. 327, 439. 334, 1129. 337, 394. 372, 249.
Big Little Fighting Vessels 325, 203.
Practical Peace Assurance 350, 608.
Lamb, J.B.
Bishop's Pawn (anec) 842, 51.
Last of the Four-Pipers? (Langenberg) (C&D) 868, 78.
Shooting the Breeze (anec) 852, 72.
Lamb, S.G.
Automatic Depth Recorder as Aid to Navigation 239, 111.
U.S. Navy and Japanese Earthquake 268, 963.
Lambell, D.G.: The Carrier (DeLaMater) (C&D) 888, 79.
Lambert, Mark
How Good Is the MiG-21? (ProfNote) 875, 98.
UTTAS: The Helicopter of the 1980s? (ProfNote) 884, 128.
Lambert, N.H.: SS Naess Voyager, Flag of Convenience Ship (C&D) 771, 118. 775, 109.
Lambert, R.A.
Notable Naval Books
The First 100 Years, 1873-1973: 848, 151.
1967: 778, 115. C&D: 788, 106.
1968: 790, 114.
1969: 802, 125.
1970: 814, 81.
1971: 826, 97.
1972: 838, 99.
1973: 850, 100.
1974: 862, 97.
Professional Reading 776, 121. 777, 121. 779, 119. 780, 117. 781, 123. 782, 111. 783, 121. 784, 123. 785, 115. 786, 129. 787, 125. 788, 123. 789, 127. 791, 121. 792, 123. 793, 127. 794, 127. 795, 123. 796, 121. 797, 131. 798, 127. 799, 131. 800, 131. 801, 135. 803, 111. 804, 103. 805, 105. 806, 111. 807, 117. 808, 117. 809, 115. 810, 113. 811, 91. 812, 93. 813, 93. 814, 91. 815, 91. 816, 93. 817, 97. 818, 99. 820, 97. 821, 101. 822, 101. 823, 101. 824, 101. 825. 99. 827, 98. 828, 110. 829, 115. 830, 111. 832, 117. 833, 109. 834, 104. 835, 103. 836, 104. 837, 102. 839, 103. 840, 102. 841, 111. 842, 97. 844, 101. 845, 104. 846, 103. 847, 103. 849, 103. 851, 93. 852, 101. 853, 106. 854, 109. 856, 109. 857, 107. 858, 101. 859, 109. 860, 99. 861, 109. 863, 94. 864, 92.
The Wit to See (C&D) 744, 114.
Lambrecht, J.O.: Amelia Earhart's Final Flight (Holbrook) (C&D) 825, 94.
Lamers, J.P.: Brave New World of NATOPS 731, 62.
Lamons, E.W. 401, 1033.
Lamotte-Picquet (Fr) 352, 924. 356, 1525.
Description 192, 259.
Lampert Aircraft Committee 275, 221.
Lampman, L.R.: Constructing Spotting Board 464, 1601.
LAMPS, A Look at Our. M.R. Bonsignore 826, 26.
Lamps, Portable 237, 1974.
Lamson, Roswell H.: Lieutenant Roswell H. Lamson, U.S. Navy. (Portrait) F.P.B. Sands 129, 137.
Lanao, Lake 420, 234.
Lanao (SS): Sunk by Submarine 166, 2081.
Lancaster (HMS): Trials 102, 350.
Lancaster (U.S.) 333, 974.
Lanciano, C.O. 552, 227.
Lanciano, C.O., Jr.: Containers and Contingencies 823, 26.
Land, E.J.: Notes on broken tube shaft, USS Connecticut 157, 946.
Land, E.S. 656, 1117. 658, 1347. 690, 110. 694, 107.
Flags of Whose Convenience? (Clark) (C&D) 794, 109.
Merchant Marine of Panama as American Asset 617, 726.
Merchant Marine: Subsidies and Competition (C&D) 771, 116.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) 752, 106.
Specifications for Job of U.S. Naval Attaché (anec) 671, 67.
"Wheel-Horse" of World War II (ProfNote) 666, 119.
Landais, P. 415, 1252.
"Land Bridge"
From Sea to Shining Sea. G.D. Saunders 797, 44. 801, 127.
Land Bridge Comes of Age. G.D. Saunders 850, 38. 856, 100.
Land-Bridge Right Sought (Nbk) 802, 160.
Southwest Passage? H.H. Gibbs 794, 64. 799, 118. 800, 104, 105.
Landen, W.J.: Geneva Conventions--Broken Rules 840, 34.
Landersman, S.D.
Commanding Officer Comments: New USS Hepburn (DE-1055) (ProfNote) 817, 99. 825, 95.
"Damn Exec" (ProfNote) 743, 124.
Making Re-enlistment Programs Work (ProfNote) 752, 130.
Land Forces, Role of, in Future Warfare. C.L. Bolte 551, 21.
Landing Craft
Amphibious Mother Ship. H. Bast 541, 333.
Amphibian Tractor, Jack of All Missions. M.M. Nohrden 515, 13.
Coming--Better Landing Craft (ProfNote). J.L. Schuler 803, 122.
Faster Landing Craft (ProfNote). N.O. Larson 756, 128.
Flotilla Flagship. I. Jacobs 512, 1219.
Hail to Amphibian--Implementer of Victory. R.C.D. Hunt, Jr. 517, 373.
Japanese Landing Force Boats. R.C.D. Hunt, Jr. 477, 1528.
Little Fellows. J.M. Carnes 511, 1045.
Love Charlie Item. P.C. Hill, Jr. 508, 675.
LST Ferry Crew One. H.G. Telsey 586, 1289.
Proposed: A Counterinsurgency Task Force. A.G. Nelson and N.G. Mosher 760, 36.
Tank--13th Century Style 578, 426.
Three Deuces. J.L. McGuinness 523, 1157.
Two Fathom Fleet. B.A. Walliser 527, 73.
Wacco, America! L.R. Curtis 514, 1449.
Landing Craft and Operations
Aero-Amphibious Phase of Present War. L.C. Ramsey 483, 695.
Amphibious Power in Atomic Age. F.E. Haynes 596, 1103.
Amphibious Striking Force (ProfNote). D.I. Thomas 682, 125.
Amphibious Warfare: Naval Weapon of Future. R.E. Cushman, Jr. 541, 301.
Amphibious Warfare--Two Concepts. R.H. Williams 579, 467. 585, 1223.
Amphibious Warfare Yesterday and Tomorrow. S.B. Griffith 570, 871.
Battle for Attu--Proving Ground for Cold Weather Operations. I.E. McMillian 556, 663.
"Combined Ops"--1655-1798. R. Hargreaves 573, 1197.
Commandos and Their Methods. C.B. Judge 497, 843.
Command Relations in Amphibious Warfare. W.H.P. Blandy 580, 569. 585, 1223.
Early Amphibious Training Experiences. J.E. Hamilton 544, 737.

Landing Craft and Operations (Cont.)
Exercise High Tide (Pict). William J. Miller **633**, 1258.
Gunfire Support, Development of Naval, of Amphibious Operations. I.E. McMillian **539**, 1.
Gunfire Support Lessons Learned in World War II. I.E. McMillian **546**, 979.
Is Amphibious Warfare Dead? Nicholas A. Canzona **631**, 987.
Iwo Jima, Acme of Amphibious Assault. J.A. Isely **575**, 1.
Landing Craft Infantry: Monster Seven-Seven (OldNav). R.W. Clark **796**, 144.
Landing Craft Transport: French Navy's First Landing Craft Transport (ProfNote). Henri LeMasson **765**, 152.
Landing Exercise **21**, 499.
Landing Force Training. R.D. Heinl, Jr. **464**, 1452.
LCR Mark II (ProfNote). J.C. Meredith **693**, 141.
LSDs for Launching LCRs (ProfNote). D.D. Chaplin, III: **684**, 150.
LST Launching of Inflatable Rafts (ProfNote). J.F. Roche **687**, 149.
Marine Amphibious Warfare, New Style (Pict) **570**, 903.
Marine Raider? H.D. Fredericks **642**, 848.
Mechanization in Aid of Landing. H.D. Harris **382**, 1735. **387**, 707.
Mechanized Landing Force and Blitz Beachhead. A.J. Stuart **597**, 1209.
Medical Service in Amphibious Operations. J.W. Jamison **587**, 23.
Naked Warriors. F.D. Fane and D.W. Moore **643**, 913.
Proposed: A Counterinsurgency Task Force (C&D) **767**, 101.
USNAAB Le Havre. J.E. Arnold **528**, 127.
Landing Forces
American and British Landing Forces Ashore. C. McK. Lynch **138**, 419.
Amphibious Forces: The Turning Point. E.J. Miller and W.D. Toole, Jr. **861**, 26.
Beachhead 1715. Friedrich Ruge **766**, 50.
Beachmasters--the Amphibious Combat Traffic Cops (ProfNote). D.W. Orahood **763**, 140. **767**, 98.
Causeway Barge Method (ProfNote). J.W. Corey **786**, 142. **789**, 114.
Dominican Diary. J.A. Dare **754**, 36.
Marines and Crisis Control. E.H. Simmons **753**, 26.
Naval Amphibious Landmarks. G.C. Dyer **762**, 50.
Sea-based Landing Force Operations (ProfNote). L.F. Snowden and M.N. Carter **837**, 105.
To the Limit of Our Vision and Back (NavRev). R.E. Cushman, Jr. **855**, 108. **859**, 92.
Landing Ships
Tank--United States
The LST (NewNav). W.D. Brinckloe **705**, 174.
Navy to Activate 11 LSTs (Nbk) **723**, 158.
New Roles for Old LSTs (ProfNote). T.I. Gray **754**, 145.
United States: Our New Landing Ships (ProfNote). D.S. Bill, Jr. **669**, 126.
Vehicle: Mine Countermeasures Support Ship (Nbk) **723**, 158.
Landing Signal Officer: L.S.O. G.J. Borden **808**, 42.
Landlocked Waters in War. C.A. Well **467**, 18.
Landsat: A Routine Problem--Solving Tool for Naval Officers (ProfNote). B.H. Needham **882**, 94.
Landsmen, Training of. See: Naval Training.
Landtman, Christian: Finnish Icebreakers **792**, 73. **798**, 103, 104. **799**, 108.
Lane, A.C. **474**, 1156. **524**, 1345.
Lane, H.C.: Treasury of Early Submarines, 1775-1903 (C&D) **776**, 111.
Lane, J.F.: Five Gallon-Class (anec) **674**, 103.
Lane, R.
Navy and Public Opinion **577**, 285.
Recruits and Ratings **385**, 320. **388**, 903.
Lane, Richard **681**, 101, 103. **710**, 112.
Lane, T.C.
and Alexander Monroe: ROCTWO Program at the U.S. Naval Academy (ProfNote) **790**, 142.
Co-author: See: Alexander Monroe.
Lane, W.J.: Supply and Demand Problem (anec) **672**, 154.
Laney, R.V. and S.B. Winram: Case for the Modernized Shipyard **799**, 50.
Lanfranc (Brit. hospital ship): Torpedoed **172**, 1322.
Lang, J.M.
Fleet Observations, From the Fleet (C&D) **875**, 75. **878**, 86.
Return to Egypt (ProfNote) **876**, 98.
Lang, R.G.: Supply Ship **264**, 268.
Lang, W.W. **779**, 110. **782**, 95.
Can Sweden Defend Herself? **775**, 47.
Langdon, M.L.: A Moment To Remember **893**, 59.
Langdon, R.M. **567**, 557. **658**, 1350. **670**, 124. **682**, 110. **697**, 115.
And Your Task, Dear Partner **578**, 365.
Book Review **731**, 114. **732**, 125. **733**, 127. **734**, 124. **735**, 124. **736**, 132. **737**, 122. **738**, 132. **739**, 128. **740**, 112. **741**, 123. **742**, 116.
Josiah Tattnall--Blood Is Thicker Than Water (OldNav) **676**, 156.
Live Men Do Tell Tales **587**, 17.
Notable Naval Aviation Books **699**, 131.
Notable Naval Books
1954: **622**, 1395.
1955: **634**, 1385.
1956: **646**, 1333.
1960: **694**, 119.
1961: **706**, 112.
1962: **718**, 114.
1963: **730**, 126.
1964: **742**, 116.
1965: **754**, 124. **758**, 136.
1966: **766**, 138.
Professional Reading **707**, 132. **708**, 128. **709**, 120. **710**, 128. **711**, 132. **712**, 124. **713**, 130. **714**, 124. **715**, 120. **716**, 122. **717**, 130. **721**, 122. **723**, 131. **724**, 132. **725**, 123. **726**, 115. **727**, 113. **728**, 137. **729**, 114. **743**, 116. **744**, 130. **745**, 116. **746**, 124. **747**, 134. **748**, 131. **749**, 123. **750**, 129. **751**, 128. **752**, 122. **753**, 132. **755**, 131. **756**, 121. **757**, 133. **758**, 149. **759**, 137. **760**, 136. **761**, 135. **762**, 133. **763**, 135. **764**, 141. **765**, 143. **767**, 113. **768**, 129. **769**, 123. **770**, 125. **771**, 135. **772**, 121. **773**, 127. **774**, 125. **775**, 129.
Suggested Readings on Africa (BkRev) **688**, 129.
There May Be Other Guams **554**, 435.
Langdon, W.J.: Death of. **217**, 454. **218**, 635.
Langen, T.D.F. **376**, 837.
This Admiral Business **333**, 973.
Langenberg, W.H.
Last of the Four-Pipers? (OldNav) **860**, 79. **863**, 84, 85. **864**, 83. **866**, 78. **868**, 78, 79. **882**, 74. **889**, 85.
A Marine at the Conn? (OldNav) **885**, 69.
Langeraar, W.: North Sea **767**, 20. **771**, 121, 122. **775**, 114. **779**, 111. **801**, 114. **803**, 94.
Langford, Daniel Boone: See: N.C. Vanzant. The Beachcomber and the Beachhead.
Langley Memorial. (illus) **144**, 1491.
Langley (U.S.) **217**, 422. **237**, 1967. **239**, 169. **244**, 1039. **332**, 946. **347**, 123. **348**, 301. **353**, 1087.
See also: Pecos Died Hard.
Langley, H.D.: Grass Roots Harvest of 1828: **740**, 50.
Language--Aeronautical Terminology: Naval Aviator Speaks (ProfNote). W.F. Foster **739**, 140.
Language and Languages
Century of Foreign Languages in the Navy. Kemp Tolley **744**, 43. **749**, 110.
Communications: A Lost Art? (C&D) **883**, 80.
Defense Language Institute, East Coast Branch (ProfNote). E.H. Levine **733**, 140.
NATO Language Instruction Program (ProfNote). C.P. Lemieux **690**, 144.
Public Address System in Language Instruction. G.E. Baker **387**, 632.
To The or Not to The; In or On a Ship (C&D). Kemp Tolley **772**, 113. **775**, 115.
Vietnamese Leading Language Classes (Nbk) **767**, 133.
Words, Words, Words (ProfNote). G.W. Reiger **804**, 107.
Languedoc (Fr) **384**, 162.
Description **147**, 1325.
Lanham, H.P.: Jets Come of Age **578**, 371.
Lanham, S.M.: What Price Security (anec) **540**, 221.
Lanier, B.B. **456**, 252.
Lanier, W.D., Jr. **456**, 99, 254. **464**, 1385. **630**, 944.
Operation Destiny **563**, 27.
Problem of Security **553**, 303.
Shores of Tripoli **467**, 72.
Tyranny of Red Tape **473**, 919. **475**, 1303.
Victory and B-29's **526**, 1563.
Lanikai
See also: September 1973 Cover.
Cruise of the Lanikai (OldNav). Kemp Tolley **847**, 76.
Strange Assignment of USS Lanikai. Kemp Tolley **715**, 71. **728**, 125.
Laning, H.: Principles of High Command **278**, 789. **238**, 2041.
Laning, Harris
Necessity of Protecting Our Athletes **146**, 705.
Officer Personnel of the Navy **200**, 1673.
On "The Great Lesson From Nelson for Today." **151**, 815.
Rifle Shooting at Olympic Games of 1912, (illus) **145**, 249.
Searle's Method of Finding a Ship's Position **147**, 1053.
Team Rifle Shooting **121**, 153.
Laning, R.B.: Maturing of the Electron (ProfNote) **681**, 130.
Lanman, C.B. **646**, 1331.
Lansdowne, Zachary **847**, 67.
Lapham, R.D.: Some Observations on Pacific Coast Maritime Labor Situation **425**, 969.
Laplace (Fr) **201**, 1907. **203**, 97.
LaPlante, J.B.: Retention Begins at BuPers (C&D) **801**, 124.
La Playa (motor ship) **251**, 119.
Lapoint, E.: Aviation in the Navy. J.C. Hunsaker, Tr. **142**, 627.
Lappan, G.J.: Below-the-Zone Selection (Hunter) (C&D) **833**, 102.
LaProvence (SS): Loss of the transport LaProvence **162**, 632, 662.
Larboard, Origin of Term **430**, 1775. **434**, 576.
Lardner (USS) **285**, 2327.

La Révue Maritime Ceases Publication 835, 3.
Largess, R.P.
New Roles for the Submarine (Cohen) (C&D) 845, 99.
The Rigid Airship in the Sea Control Mission (Levitt) (C&D) 896, 74.
La Rioja (Arg. S) 330, 755. 337, 403.
Larkin, W.N. 585, 1232. 594, 917. 606, 911.
Notice (anec) 590, 397.
Swiss Merchant Navy on the High Seas 638, 426.
Larmour, R.F.: Chief Petty Officers' School of Line 409, 355. 424, 887.
Larned, W.E.: The Beachcomber and the Beachhead (Vanzant) (C&D) 884, 97.
Larsen, A. 614, 453.
Scapegoat of Chesapeake-Shannon Battle 603, 528.
Larsen, L.J.: Delusion of Strategic Parity 752, 46.
Larson, D.R.: Surface Line Officer: Some Conn, Some Can't 833, 42. 839, 87, 89, 90.
Larson, E.E. 464, 1466. 467, 99.
Larson, K.: Wind Guesser--Navy Style 503, 19.
Larson, N.O.: Faster Landing Craft (ProfNote) 756, 128.
Larsson, B.
Mutiny Stopped--By Humor! (anec) 562, 1353.
Tops in Preparedness (anec) 599, 27.
Larsson, Bertil
Mechanized Warfare (anec) 632, 1110.
Standards of Promotion (anec) 743, 158.
Larzelere, A.R.: Away the Prize Crew 863, 52.
Larzelere, D.W., III: Survival of the Fittest: Five Years Later (Turkington) (C&D) 887, 78.
LaSala, A.J.: Trigger Happy (anec) 738, 51.
Lasers
Army Finds Laser Uses (Nbk) 764, 164.
Army Tries Lazer Beam Mapping (Nbk) 780, 141.
Laser Beam Gives Profile of Ocean (Nbk) 782, 143.
Laser Gyroscope Accepted by Navy (Nbk) 770, 145.
Laser: The Light Fantastic. K.R. Stehling 846, 42. 851, 74.
Laser, Rifle, Plane-Tested for Army (Nbk) 779, 149.
Navy Testing Laser Gyro for Ships (Nbk) 767, 141.
New Work for Lasers Found (Nbk) 757, 162.
Lash, F.H.: Address on Colonel R.M. Thompson 333, 1061.
LASH and Seabee, New Ideas in Logistics (ProfNote). L.C. Kendall 792, 140. 798, 107. 799, 111.
Laskaris, G.C.A. (co-author): See: G.A. Fulk.
Laske, R.M. (BkRev) 833, 106.
Lasker, A.D. 246, 1354.
LaSota, P.E. (co-author): See: R.A. Zawacki.
Last in the Hearts of His Countrymen. P.B. Yeager 788, 80.
Latane, J.H.
America, World Menace 287, 130.
Comment on His History of U.S. 296, 1152.
Vera Cruz Situation 288, 251.
Latham, T.L.: Ships of Ice (Shoemaker) (C&D) 883, 80.
Lathes
Bullard Finishing Lathe (photo) 134, 522.
Reed Lathes (photos) 134, 522.
Lathrop, C.
Duty Beyond Seas 339, 661.
Grog: Its Origin and Use in the United States Navy 385, 377.
Japanese Prints of Perry's Visit to Japan 288, 251.
Lancaster Observes a Revolution 333, 974.
Seagoing Customs 311, 11. 322, 1066.
Sponsor of American Navy--Benjamin Franklin 299, 31.
Vanished Ships 377, 949.
Vanishing Naval Tradition--the Figurehead 297, 1166.
Lathrop, G.H., Jr.: Crisis in Leadership 737, 44.
Latin America 271, 1802. 313, 254. 336, 274.
An Assessment of U.S. Strategic Interests (NavRev). R.A. Komorowski 843, 148. 850, 93.
ASW Role of Latin American Navies (C&D). E.F. Black 766, 127.
Latin America and Naval Power. Robert McClintock 752, 30.
Latin American Arms Aid Cut (Nbk) 801, 158.
The Latin American Military. R.J. Toner 789, 64. C&D: 793, 105, 107. 798, 106.
Navies: Latin American Naval Purpose (ProfNote). R.L. Scheina 895, 116.
Latitude
See also: Time and Longitude; Altitude and Azimuth.
Latitude by Observations at Lower Transit (ProfNote). Warren Norville 858, 111. 865, 76, 77.
Latitude "X". Method of determining the latitude at sea without time 112, 755.
Latouche-Treville (Fr. cruiser): Fatal Gun Mishap 128, 1340.
Latour, Marius: Considerations on the sensitiveness of the heterodyne receiver 157, 958.
LaTourette, Robert: San Diego Naval Complex (Pict) 784, 95.
Latvia 235, 1639.
Laub, B.R., Jr.: Which Five-Year Shipbuilding Program? (Rumsfeld) (C&D) 892, 84.
Laub (USS): Launched 189, 2619.
Laubeuf, Maxime: Treasury of Early Submarines (C&D). Donald Macintyre 778, 104.
Laucheimer, C.H.: Naval Law and Naval Courts 81, 85.
Lauer, R.J.
In Defense of Military 547, 1135.
Typhoon Lady 556, 635. 559, 1059.
Lauer-Leonardi, B. 613, 346. 617, 818.
Lauesen, Mogens: Danger from the East 707, 19. 712, 113.
Laughlin, Patrick
Anyone for Military Sports? (ProfNote) 649, 341.
Let's Wave the Flag 628, 685.
Not in the Book (anec) 635, 53.
Once Is Enough (anec) 624, 166.
Laughton, Sir John: Naval Literature 134, 636.
Launching Gear: Releasing. E. Ellsberg 258, 1281.
Launchings
See also: Christening of Vessels.
Aircraft: Full Systems at Launch--New Concept in Fleet Aviation Operations. D.P. March 851, 34. 854, 100.
Launching of USS Monongahela. D.A. Hall 172, 1161.
The Launching of the USS New York (illus). Robert Stocker 144, 1337.
Launching a Ship Bottom Up 178, 3020.
Launching of the Agawam 185, 1638.
The Statics of Launching. W.F. Baxter 61, 67.
Launching Systems
Polaris A3 Launching System (ProfNote). R.W. Dickieson 778, 133.
Vertical Missile Launchers. R.P. Rempt
Part I (ProfNote) 896, 86.
Part II (ProfNote) 898, 105.
Laurentic (HMS): Sunk by Mine 169, 613.
Laurentz, P.: Visit of Russian Squadrons in 1863: 387, 692. 394, 1848.
Lausanne Conference 239, 194. 240, 373. 241, 533. 245, 1230. 247, 1581. 248, 1752. 354, 1206. 355, 1356.
Lausanne, Treaty of: Italian-Turkish War W.H. Beehler, Tr. 145, 313.
Lautal Metal 284, 2140.
Lautenschlager, E.W.: Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) 869, 73.
Lautenschlager, Karl: Rank Hath Its Privileges (anec) 830, 53.
Laux, W.J., Jr. (BkRev) 800, 123.
Laval, P. 337, 417. 346, 1728.
Lavendar, R.A.: Radio Equipment on NC Planes 212, 1601.
Lavender, Robert A.: Measuring the Lag in Time Service 152, 1167.
L'Avenir: See: Admiral Karpfanger.
Lavrakas, Lefteris
HMS Centaur at Dar es Salaam (Hankinson) (C&D) 806, 101.
Mystique of Command Presence (Stivers) (C&D) 792, 107.
Proximity Fuze, Whose Brainchild? (Brennan) (C&D) 791, 101.
Law
Fletcher School of Law and Diplomacy (ProfNote). L.E. Zeni 716, 134.
Law, Discipline, and Justice. R.G. Darley 847, 36.
Why Navy Needs Law Corps. J. Snedeker 515, 19.
Law--International Maritime
Attacks on Unarmed Enemy Merchant Vessels. C.C. Hyde 182, 811.
Belligerent Warships in Neutral Ports. T.S. Woolsey 116, 761.
Capture at Sea in War Time 152, 1261.
Capture vs. Control 179, 153.
Civil and Military Authority. B. Fiske 117, 127.
Doctrines of ultimate consumption and substitution. R. Stone 188, 2269.
Extent of jurisdiction of a country from its coast 154, 1817.
Hague conference (1907) rules regarding hospital ships and war declarations 124, 1553.
Liability of shipping to capture; rights of passengers 153, 1526.
Origin and growth of international system. H. Taylor 104, 869.
Panama canal in international law. H.S. Knapp 145, 95.
Protecting American Interests. G.R. Clark 130, 393.
Real Status of Panama Canal as Regards Neutralization. H.S. Knapp 133, 61.
Right of Capture at Sea 134, 613.
Rules for Wireless Telegraphy in Time of War (1906): 120, 1613.
Territorial Waters. H.G. Sparrow 162, 447.
Use of Neutral Flags by Belligerent Ships 156, 613.
Law--Marine International
Glass, H. 34, 355.
Naval Law and Naval Courts. C.H. Lauchheimer 81, 85.
Law--Military and Naval
Administration of Justice: Courts-Martial vs. Criminal Courts. J.C. Delpino 427, 1280.
Armed Services Legislation. John R. Blandford 632, 1180.
Bases of Naval Law. R.E. Nelson 553, 269.
Caveat: Manual for Courts-Martial. H.M. Hoyler 683, 58. 689, 98.
Commanding Officer and New Uniform

Law--Military and Naval (Cont.)
Commanding Officer (Cont.)
Code. J.K. Taussig, Jr. 584, 1051.
Desertion in Time of War. W.P. Martin 507, 515.
Development of Military Law--Your Job and Mine. H.M. Hoyler 700, 29.
Eternal Triangle. L.P. Gray, III: 614, 397.
For the Probationer--What? W.F. Frank 664, 69.
Guerrillas and Laws of War. R.D. Powers, Jr. 721, 83.
Law and Outer Space. H.F. Kloman 706, 44.
Layman Takes Issue with Lawyers. J.M. Sheehan 535, 1065. 541, 351.
Legal Specialist. H.A. Patrick 540, 205.
Line Officer Looks at Military Law. B.F. Brown 613, 290. 619, 1041.
Medal or Court Martial 628, 703.
Modernizing Naval Courts-Martial. B.M. McMullin 512, 1207. 515, 81.
Naval Courts-Martial and Their Oaths to Witnesses. L.F.S. Horan 423, 704, 733.
Naval War-Time Discipline. J.K. Taussig 497, 859.
Naval War-Time Discipline and Rehabilitation. J.K. Taussig 500, 1207.
Navy's Re-Training Program. D.O. Root 521, 963.
Nuclear Ship Traffic in World Seaports. William R. Wendt 707, 43.
Offenses Against Naval Discipline in War Time. J.K. Taussig 498, 995.
Practical Side of Duties of Recorder of Summary Court-Martial. E.A. Niemeier 475, 1254.
See Your Navy Lawyer First. B.H. Brittin 557, 774.
Significant Developments in Naval Law Since Pearl Harbor. J. Snedeker 532, 663.
The UCMJ on Trial. W.R. Thomas 726, 62. 734, 114, 115.
Uniform Code of Military Justice. H.J. Webb 569, 723.
Uniform Code of Military Justice Change (ProfNote). R.D. Powers, Jr. 718, 139.
Why Navy Needs Law Corps. J. Snedeker 515, 19.
Law, J.T., and D.F. Emerson 696, 102. 703, 110.
Law of the Sea Conference: The Influence of Modern International Law on Naval and Civil Operations at Sea (NavRev). C.P. O'Connell 891, 156.
Lawrence, D.: Arms Parley Call up to Europe 264, 337.
Lawrence, J.
Case of Captain Lawrence. W.K. Post 401, 969.
Courage Is Not Enough. E.M. Eller 401, 943.
Lawrence, James
See also: Cover Pictures--May 1952.
Captain James Lawrence 663, 114.
Lawrence, W.A.: Rebuilding Guam's War-Torn Water System 518, 561.
Lawrence (USS) 327, 374.
Linebacker Strike. R.C. Powers 858, 46. 862, 76.
Lawson, Alexander S.: Right on the Beam (anec) 625, 275.
Lawson, J.F. 532, 723.
Lawson, R.L. (photog)--June 1975 Cover.
Lawson, R.S.
It Happened in Bahia 352, 834.
Perfect Day 364, 864.
Why Not Build a Snipe? 387, 654. 391, 1308.
Laycock, Sir Robert 675, 98.
Laye, J.E.: Crossed Wires (anec) 863, 106.
Layman, R.D. 774, 108.
and B.V. Drashpil: Early Russian Shipboard Aviation 818, 56.
Hitler's Flattop--The End of the Beginning (C&D) 780, 102.
Japanese Naval Aviation (Ohmae & Pineau) (C&D) 847, 95.
R.A.F., The Impossible Dream (Emmott) (C&D) 809, 108.
U-Boat With Wings 782, 54. 786, 114. 788, 110. 792, 110.
Layman, W.H.: Skate Breakthrough at the North Pole 679, 32.
Layton, E.T. 671, 112.
Rendezvous in Reverse 603, 478. 606, 897.
24 Sentai--Japan's Commerce Raiders 880, 53. 883, 78.
Lazarus, Steven: Navy and the Merchant Marine: Critical Coalition (Aber and Garber) (C&D) 813, 89.
LCT's in a Typhoon. M.H. Tennis, Jr. 661, 48.
Leadership 696, 108.
See also: Military character; Morale.
Accountability: Crumbling Keystone. B.C. Dean 839, 40. 844, 94.
Administration, On. A.G. Zimermann 393, 1637.
Anatomy of Leadership. H.E. Smith 586, 1285.
Aphorisms for Officers in Naval Warfare 159, 1698.
Arms and the Man. T.J. Casey 333, 980.
Art, Science, and Innocence Involved in Becoming CNO. J.N. Horrocks, Jr. 803, 18. 808, 104. 810, 101.
Authority: The Weakened Link. B.C. Dean 821, 48. 830, 101. 832, 109. 833, 104.
Book-Learnin' Leadership. A.R. McCracken 400, 790.
Caine Mutiny--Lessons in Leadership 624, 216.
Command and Doctrine: The Role of Doctrine, D.W. Knox 156, 326.
Command Leadership and the Black Serviceman. L.H. Bennett 818, 42.
Command Personality. E.B. Potter 791, 18. 796, 98, 99.
The Company Officer and His Work. W.E. Parker 148, 1577.
Crisis in Leadership. G.H. Lathrop, Jr. 737, 44.
Criticism, Tool or Tyrant? (ProfNote). A. Coday 793, 135. 798, 109.
"Damn Exec" (ProfNote). S.D. Landersman 743, 124.
Development of Faculty of Command. J.W. Greenslade 351, 721.
Dignity of the Individual (C&D) 822, 98.
Effectiveness: The Basic Criterion. A.L. Gallin 686, 77. 694, 110.
Elements of Leadership. D.W. Knox 214, 1883.
Eternal Triangle. L.P. Gray, III: 614, 397.
Factors in Leadership 538, 1505.
Followship. G.V. Stewart 483, 631.
A Framework for Naval Leadership. M.R. Svendsen 869, 18. 872, 90. 874, 81.
Getting the Best Results From Men 135, 906.
Give of Yourself, Captain. Howard Bucknell 736, 66.
G.O. 21--Watch Out for Tailfins 709, 109.
Handling Men. R.A. Theobald 159, 1475.
Harmony. E.H. Jenkins 256, 939. 258, 1311.
How Shall We Win? E.M. Eller 470, 465.
I Am the Two-Headed Ogre..." Bruce Keener, III: 878, 38. 881, 79. 882, 72, 73. 883, 77. 884, 99. 886, 87. 890, 76.
Image of Command. S.H. Edwards 804, 36. 809, 101, 102, 103. 811, 98. 815, 88. 816, 84. 824, 95.
Importance of Leadership. D.W. Knox 205, 335.
Junior Officer, More Valuable. H.B. Seim 543, 597.
The Key Man (ProfNote). J.G. Reynolds 810, 124.
Know Your Men, Know Your Business, Know Yourself, C.A. Bach 854, 42. 857, 99. 859, 90.
Leaders and Leadership. E.A. Gibson 613, 301. 620, 1160. 622, 1389.
Leadership
Bach, C.A. 186, 1819.
Duckwall, B.F. 358, 1837.
Gleaves, A. 347, 9.
Kline, Nelson A. 364, 793.
Parker, R.C. 217, 323. 219, 734. 687, 47.
Pratt, W.V. 378, 1049.
White, R.D. 219, 655.
Leadership: A Case Study. F.F. Smart, Jr. 661, 63.
Leadership Among Junior Naval Officers 624, 213.
Leadership: A Process of Growth (C&D) 849, 89.
Leadership and Freedom. W.B. Norris 161, 49.
Leadership and Morale 683, 109, 110.
Leadership Awakening 695, 116.
Leadership Can't Be Taught. C.G. Rucker 415, 1235. 423, 737.
Leadership Council Works. W.A. Matson, II: 709, 59. 714, 113. 718, 109.
Leadership Evaluation: Finding the Best Among Us. M.E. Soper 897, 35.
Leadership: The Forgotten People 693, 106.
Leadership Forum 870, 80. 871, 72. 872, 82. 873, 70. 874, 64. 875, 66. 876, 72. 878, 78. 880, 76. 881, 72. 882, 64. 886, 72. 887, 72. 892, 74. 893, 78. 894, 58. 895, 76. 897, 66.
Leadership--From Coffee Cup to Battle Station. R.K. Ripley 672, 78.
Leadership in Navy and Industry. E.M. Eller 544, 671.
Leadership Is for the Other Fellow 699, 126.
Leadership Is Not Enough. Charles C. Gibson 630, 917.
Leadership Lab Concept--A New Approach (C&D) 816, 85.
Leadership of Men
Good, R.F. 221, 1013.
Upham, F.B. 218, 487.
Leadership on Board the Raider Atlantis. Bernhard Rogge 720, 40.
Leadership Training Methods at the Naval Academy (NAMB) 887, 90. 892, 88.
Loran Stations--Leadership Laboratories (ProfNote). J.F. Meade 756, 126.
The Loss of Leadership. F.C. Collins, Jr. 866, 31. 871, 77, 78, 79.
Lost Sheep: Our Navy in the World of Good Intentions (ProfNote). R.L. Schreadley 852, 110. 857, 85, 87.
Major Command. G.S. Morrison 822, 14. 833, 102.
Man on the Shield. Reginald Hargreaves 566, 417. 573, 1255. 579, 538.
Mental and Moral Training for War. J.F. Leys 144, 1241.
The Message Gap. H.O. Webster 723, 29. 729, 97, 98, 99, 100.
Mid-Century Naval Leadership. R.H. Bowers 612, 177. 616, 687. 624, 213.
Military Genius and Naval War College.

J.M. Scammell **251**, 61.
Military Leadership. E.F. Carlson **417**, 1587.
Morale and Leadership. C.P. Summerall **330**, 767.
Morale and Leadership on Small Noncombatants (ProfNote). J.V. Bowers **738**, 144.
Morale--An Objective of Leadership. E.M. Luby **673**, 62.
The Moral Factor in War. H.H. Frost **162**, 349.
Moral Training for War. C.M. Bakewell **149**, 157.
Mystique of Command Presence. R.E. Stivers **786**, 26. **790**, 110. C&D: **792**, 107. **793**, 108.
National: Command and Control, Changeless--Yet Changing. D.T. Poe **860**, 22. **865**, 78. **871**, 80.
Naval Leadership in the Nuclear Era. J.V. Noel, Jr. **670**, 54.
Naval Leadership, New Look at. A.M. Harlow **573**, 1213.
Naval Men and Their Management. V.N. Bieg **158**, 1173.
Naval Mirrors. R.P. Guiler **255**, 699.
The Navy Image. S.T. De La Mater **722**, 26.
Need for Leadership in Junior Ranks. M.W. Cagle **552**, 165.
NESEP Program: A Leadership Problem? (C&D) **849**, 100.
Nicaraguan National Guard: La Palabra del Gringo! H.C. Reisinger **384**, 215. **387**, 709.
On Command: Genius of Naval Warfare. R. Daveluy **136**, 1017.
Paternalistic Leadership, Fountain-Head of Military Valor. C.S. Arthur **549**, 1409.
Perils of Bulletin Board Leadership (ProfNotes). Fitzhugh Lee **671**, 131.
Personnel Management in Navy. D.E. Cummings **254**, 589.
Physical Prowess and Leadership. J.M. Kennaday **377**, 947.
Practical Leadership **709**, 110. **710**, 111, 112, 113. **719**, 133, 134.
Practical Leadership Aboard Ship. John Harllee **679**, 23.
Pragmatic Leadership (ProfNote). Sidney Brooks **730**, 152.
Preface to Leadership. H.G. Telsey **560**, 1115.
Qualifications for Leadership. C.C. Carmune **220**, 857.
Recruits and Basic Leadership Opportunities. W.J. Catlett **657**, 1159.
Religion in Leadership. S.K. Evans **292**, 639.
Retention: The Talk and the Deeds. Charles McIntosh **823**, 58. **832**, 107. **837**, 96.
A Return to Shipboard Leadership (C&D) **865**, 80.
Role of Line. F.S. Craven **213**, 1771.
Sheep in Wolf's Clothing. H.R. Lund and W.D. Chapman **694**, 67. **698**, 98, 100, 101.
Should Politics Be Taboo? G.D. Patterson, III: **715**, 40.
Something Missing from Whole-Man Concept **707**, 122. **718**, 108.
So Much To Do...So Little Time. G.E. Brainerd **835**, 62.
Soul of Service. E.P. Jessop **217**, 351. **219**, 734.
Speech and the Leader (ProfNote). F.L. Greaves **801**, 146.
Take Care of Your Men. S.A. Swarztrauber **730**, 26. **734**, 108. **736**, 117. **739**, 114.
Test of Leadership **703**, 109.
Today's Challenge to Officers. G.B. Myers **472**, 765.
Trained Initiative. W.W. Phelps **146**, 830.
Trained Initiative and Unity of Action Knox, D.W. **145**, 41.
Yarnell, H.E. **146**, 833.
U-2 Revisited **714**, 111.
Upon Assumption of Command. Anonymous **626**, 408.
Weak Link. P.L. Anderson **678**, 56.
What Price Leadership? L.C. Dunn **326**, 323.
What's Happened to Practical Leadership? L.J. Kiernan **705**, 83.
Xenophon's Ideas of Leadership. F. Howland **421**, 329.
Yield of the Years **714**, 110.
You Can't Leave It to Chance. F.C. Dyer **590**, 417. **599**, 88. **600**, 201.
Young Officers and Leadership. Arleigh Burke **863**, 4.
League Island Sanitation Camp: Camp of Sanitation at League Island, 1903 (illus.) C.F. Goodrich **110**, 289.
League of Nations
America and. **208**, 943. **225**, 1849 **235**, 1639. 262, 2130. **288**, 232.
Arbitration and Security Committee **329**, 664.
Arbitration Protocol **262**, 2133.
Armaments Yearbook **350**, 609.
Arms Truce Proposed **345**, 1585. **346**, 1706.
Austro-German anschluss **340**, 844. **341**, 985. **345**, 1586.
Brazil and. **305**, 621.
Budget **358**, 1811.
Chaco Boundary Dispute **357**, 1662.
China and. **345**, 1578. **347**, 140.
Council Activities **281**, 1463. **285**, 2391. **329**, 664.
Council on Franco-Italian Friction **329**, 664.
Cuba and. **333**, 1053.
Disarmament and. **217**, 444. **238**, 2201. **263**, 151.
Eleventh Session **333**, 1053.
England and. **261**, 1871, 1873. **263**, 112.
France and. **343**, 1283.
Geneva Selected as Seat of League **195**, 853.
Germany and. **267**, 880. **278**, 783. **279**, 1031. **285**, 2390. **294**, 896.
International Law Codification **327**, 462.
Irak: Re entry **353**, 1056. **358**, 1813.
Kellogg, F.B.: Judge of World Court **333**, 1053.
Kellogg Pact and League Covenant Not in Harmony **333**, 1053.
Kiel Canal Case **247**, 1580.
Liberian Slavery **337**, 416. **358**, 1811.
Lloyd George on a League of Nations, Nov. 1918: **190**, 2908.
Membership Data **205**, 488. **206**, 656. **213**, 1864. **215**, 126. **254**, 671.
Mexico Joins **345**, 1586.
Monroe Doctrine and. **311**, 72.
Narcotics **341**, 986. **343**, 1284.
Pan-Europa Plan **333**, 1054.
Poland and. **337**, 416.
Preparatory Commission for Disarmament **329**, 664.
Revised Covenant of the League (April 1919): **196**, 1071.
Rome Naval Conference **255**, 861.
Sessions and Meetings **204**, 312. **205**, 488. **209**, 1156. **215**, 144. **229**, 513. **236**, 1838. **237**, 1997. **255**, 866. **261**, 1936. **273**, 2213. **297**, 1236. **302**, 330. **303**, 424. **306**, 714. **308**, 928. **312**, 165. **357**, 1660.
Should There Be An International Navy? T.W. Kinkaid (1911): **137**, 91.
Sino-Japanese Conflict **347**, 132. **350**, 597.
10th Anniversary **325**, 254.
Text of the Constitution **193**, 463.
Turkey: Membership **350**, 620. **355**, 1359.
Victims of Aggression **333**, 1054.
Wailing Wall Controversy **330**, 773.
Work of. **225**, 1849. **242**, 719. **245**, 1231. **254**, 682. **284**, 2163. **309**, 1022. **321**, 1006.
World Armament Cost **346**, 1721.
Leahy, H.O.: Remember Who's in Charge Here (anec) **747**, 45.
Leahy, L.R.: Hydrographic Office **404**, 1469.
Leahy, R.N.: Your Attention Is Directed (anec) **680**, 49.
Leahy, W.D. **584**, 1111.
History of Washington Navy Yard **308**, 869.
Leahy, class frigate **825**, 106.
Leak-arresters for Ships **73**, 187.
Leaks of Information to the Press: Leakology: The War of Words. Brent Baker **893**, 43. **896**, 65.
Leander (HMS) **329**, 646. **330**, 754. **344**, 1411, 1416. **345**, 1573. **346**, 1715. **348**, 290. **350**, 613. **353**, 1070. **354**, 1221. **355**, 1370. **356**, 1523. **357**, 1674, 1684. **358**, 1827.
Leary, Frank: Career Officer as Existential Hero (Deininger) (C&D) **821**, 98.
Leary, H.F.
Gunnery and Turret Design **223**, 1393.
Military Characteristics and Ordnance **233**, 1125.
Leary, R.T.: Semper Paratus **494**, 405.
Leary, W.M., Jr.: Our Other War in Korea **784**, 46. C&D: **797**, 110.
Leasowe Castle (SS): Torpedoed **185**, 1690.
Leave
Absence Over Leave **140**, 1406.
Britain, C.B. **140**, 1412.
Cluverius, W.T. **140**, 1410.
Edgar, W.A. **141**, 300.
Huse, H.P. **140**, 1404.
Knox, D.W. **140**, 1411.
Quinby, J.G. **140**, 1401.
Rush, W.R. **140**, 1403.
Absence Over Leave in the Fleet. W.F. Fullam **140**, 1103.
Direct Cause of Liberty Breaking. W.W. Phelps **147**, 1024.
Leave: Sabbatical Year. R.B. Henry **398**, 487, 561.
Terminal Leave: G.I. Payoff. L.A. Marsden **534**, 931.
Leavitt, C.M. **532**, 715. **588**, 200. **592**, 668.
Leavitt, G.B. **316**, 518.
Leavitt, G.C.: Eternal Father, Strong to Save (anec) **664**, 87.
Leavitt, Morton: Reorganizing the Naval Reserve--Again (ProfNote) **858**, 109.
Lebanon
American Landing in Lebanon. Robert McClintock **716**, 65. **727**, 96.
Lebanon and Quemoy--the Navy's Role. E.F. Baldridge **696**, 94.
Orders Firm But Flexible. H.A. Hadd **716**, 81. **727**, 96.
LeBarron, Jack T. **626**, 453.
Career Man **623**, 19.
Le Bourgeois, J.J.: Ultimate Compliment (anec) **675**, 69.
Le Chartier, G.
France Ready for Aerial Warfare **259**, 1525.
Sale of French Colonies **278**, 741.
Le Chevalier Paul (Fr) **350**, 616. **351**, 768.
LeCompte, Gary P.: A Sticky Situation (anec) **633**, 1228.
Lederer, W.J.
American Navy Is In Middle of China **474**, 1142.
Running Cruiser Wardroom Mess **429**, 1567.
LeDoux, J.C.: Art of Naval Gunnery (anec) **688**, 117.
Lee, A.: Let Caissons Roll **356**, 1458.

Lee, C.L.: You're Also Leaving a Wake! (anec) **659**, 52.
Lee, C.S.: Cross-staff Sights **440**, 1531.
Lee, D.A. (co-author): See: W.V.R. Vieweg.
Lee, F.
  Case of Aerial Decibel **369**, 1568.
  First Endorsement: Forwarded **407**, 62.
  Naval Aviation in the Years Ahead **719**, 81.
  Operation Snowstorm **596**, 1067. **601**, 317. **603**, 563.
Lee, Fitzhugh **614**, 451. **651**, 562.
  Book Review **731**, 111.
  Perils of Bulletin Board Leadership (ProfNote) **671**, 131.
Lee, G.H. **612**, 223.
Lee, J.A., Jr. **612**, 225.
  Between Wars in Far East **431**, 63.
  Perennial Philippine Problem **427**, 1257.
Lee, J.P.: The Lee System for Small Arms **17**, 325.
Lee, L., Jr.
  Joint author: See: Peel, M.A., Jr.
  Navy Advances in Business Management **539**, 43.
  Navy Seeks Business Efficiency as Well as Combat Efficiency **562**, 1389.
Lee, R.C.: Well Done, Navy! **383**, 31.
Lee, R.M.: Crisis in Leadership (C&D) **746**, 108.
Lee, S.B. **715**, 108.
  Credible Incentive (C&D) **740**, 97. **742**, 107, 110, 111.
Lee, W.A., Jr. **327**, 440.
  and Denney, A.D.: Revolver Shooting (illus). **133**, 249.
Lee (USS) **282**, 1555.
Leech, Samuel: See: War of 1812, An Anglo-American in the.
Lee-Enfield Rifle
  Adopted by British Army **106**, 495.
  Description **111**, 661.
Leelanaw (SS): Sunk by Torpedo **159**, 1711.
Leeper, J.E. **481**, 413. **489**, 1485.
Lees, F.A. (co-author): See: J.J. Clark.
Lees, M.J.: Help! Help! (anec) **844**, 65.
Lee System for Small Arms, The. J.P. Lee **17**, 325.
Leeward Islands: Saint Eustatius, Island That Was "Different." C. Moran **467**, 84.
Leftwich, W.G., Jr.
  Aide and Comfort to the Admiral (Toole) (C&D) **803**, 100.
  "...and a few Marines" **786**, 34.
Legal Existence of War. E. Colby **288**, 153.
Legal Officers
  Legal Officer: Collateral Duty Lawyer. P.W. Mandel **628**, 647.
  What Do Lawyers Do? J.A. Bannerman **887**, 54. **894**, 71.
Legal Problems
  Legal Assistance for Naval Personnel. M.M. Ferrell **492**, 157.
  Legal Problems on Board Ship. J.H. Taylor **255**, 713.
  Soldiers' and Sailors' Civil Relief Act--An Analysis. S.P. Claud **464**, 1438.
  Soldiers' and Sailors' Civil Relief Act. R.E. Dowling **491**, 31.
Legal Rights of Naval Personnel in Inventions. E. Wilkinson **258**, 1266.
Leggett, W.D., Jr.: U.S. Naval Engineering Experiment Station (Pict) **579**, 517.
Legislation
  Armed Services Legislation, 84th Congress. J.R. Blandford **644**, 1129.
  Armed Services Legislative Preview of 85th Congress (ProfNote). J.R. Blandford **649**, 340.
  It's Your Congress. J.R. Blandford **636**, 185.
  Legislative Items (ProfNote). John R. Blandford **625**, 345.
  Legislative Outlook (ProfNote). J.R. Blandford **636**, 236.
  Merchant Marine Act of 1970. S.W. Emery, Jr. **817**, 38.
  Money--the Oldest Status Symbol. Lionel Goulet **712**, 65.
Legrand, Jean: The Landing at Baquiri **93**, 117.
Le Hardi (Fr) **351**, 768.
Lehman, G.F.: The Bachelor Junior Officer (NAMB) **866**, 88. **876**, 83.
Lehmberg, G.R., Jr. **675**, 105.
Lehrer, P.L.: NROTC Plight (C&D) **756**, 105.
Leiden, Carl **659**, 99. **711**, 127.
  What to Read on the Middle East (Bk-Rev) **859**, 107.
Leider, R.F.
  A Different World **842**, 18.
  The Press: A Matter of Perspective **844**, 34. **849**, 93. **852**, 96.
Leider, Robert: Nothing But Blue Skies **832**, 27. **836**, 85, 87, 88.
Leigh, R.H. **478**, 1762.
  Naval Personnel **320**, 855.
  Plea for Merchant Marine Naval Reserve **296**, 1068.
  Training in Navy **308**, 883.
Leighton, B.G.: Relation of Aircraft to Seapower **307**, 731.
Leighton, R.M. **618**, 928. **660**, 109.
  Planning for Sicily **711**, 90.
Leighton, R.W. **682**, 104.
Leinen, Frederick: The Israeli Navy: 26 Years of Non-Peace (Miller) (C&D) **868**, 81.
Leiner, F.C.: Saving the Big-Ship Navy (OldNav) **893**, 76.
Leipzig (SMS) **323**, 60. **335**, 113. **337**, 403. **342**, 1110. **347**, 126. **353**, 1084. **354**, 1225.
Leis, A.C. **697**, 112. **698**, 103.
  Can We Really Afford Surface ASW Ships? (Alexander) (C&D) **862**, 73.
  Reappraisal [of Officer Administrative Policies] Is Not So Agonizing **693**, 52.
Leistikow, G.: Toulon of Danish Fleet **508**, 661.
Lejeune, J.A. **291**, 614.
  Foreword **309**, 939.
  Marine Corps **272**, 1858. **284**, 1961. **308**, 859.
  War **346**, 1605.
Lejeune, John A.: The Commandant Sends... **873**, 18.
Le Malin (Fr) **350**, 616.
Le Masson, Henri
  The French Navy (1870-1890) (Pict) **814**, 58.
  French Navy's First Landing Craft Transport (ProfNote) **765**, 152.
  French Navy Under Steam (Pict) **617**, 792.
  Mutual Non-Aggression Pact (anec) **629**, 783.
  Suffren-class Missile Frigates (ProfNote) **760**, 142.
  Treasury of Early Submarines (C&D) **783**, 112.
Lemieux, C.P. **533**, 848. **534**, 985. **542**, 491. **550**, 1563. **564**, 213. **565**, 333. **567**, 558. **569**, 801. **572**, 1149. **661**, 100. **662**, 103. **669**, 106. **678**, 104. **679**, 144. **680**, 145. **700**, 96. **724**, 118. **725**, 104. **777**, 111.
  See also: L-16 Sinking--"No Mistake, Just Dirty Work" **724**, 118.
  Atomic Story, Moscow Version (ProfNote) **708**, 148.
  Atomic Submarines for Red Navy Day (ProfNote) **704**, 142.
  Bundesmarine in Retrospect (ProfNote) **701**, 128.
  Communist in the Cosmos (ProfNote) **705**, 135.
  East German Militarization (ProfNote) **695**, 141.
  In Defense of the Russian Navy (ProfNote) **735**, 143.
  Lunik III (ProfNote) **683**, 147.
  Merchant Marine Construction in Odessa (ProfNote) **692**, 140.
  NATO Language Instruction Program. (ProfNote) **690**, 144.
  NATO Maneuvers as Seen by the Communists (ProfNote) **696**, 144.
  Navigation Season on the Lower Yenisei (ProfNote) **706**, 129.
  The New Wave of Cable-Layers (ProfNote) **721**, 130.
  Pravda Comments on Space Flights (ProfNote) **702**, 139.
  Roots of Russia (C&D) **740**, 99.
  Salute or Shoot? (C&D) **758**, 139.
  Soviet Assault on Aviation Records (ProfNote) **684**, 146.
  Soviet Cruisers (ProfNote) **700**, 124.
  Soviet Educational Reform and the Nakhimov School (ProfNote) **682**, 144.
  Soviet Military Press **563**, 35.
  Soviet "Moral-Political Unity" and Military Press **575**, 29.
  The Soviet Naval Academy (C&D) **871**, 81.
  Soviet Navy's New Look (ProfNote) **685**, 140.
  Soviet Officers More Youthful (C&D) **828**, 106.
  Soviet Officer Training (ProfNote) **742**, 137.
  Soviet Polyglots (ProfNote) **710**, 146.
  Soviet Rocketry (ProfNote) **687**, 148.
  "Sprachenecke" (ProfNote) **703**, 136.
  Trial Run of Soviet Icebreaker (ProfNote) **681**, 142.
  Veteran Benefits in the USSR (ProfNote) **686**, 152.
  Why Sweden Is Not a NATO Member (ProfNote) **697**, 142.
Lemkin, B.S.
  And Having It Too (anec) **874**, 29.
  The Current State of Leadership in the U.S. Military: No Crisis Here (Leadership Forum) **872**, 82.
Lemler, P. **302**, 307.
Lemly, F.H. **627**, 588. **643**, 999.
Lemly, W.C.: Special Delivery (anec) **793**, 111.
Lemmon, V.J., and W.A. Schroeder, Jr.: Right Thing for Naval Aviation **839**, 26.
Lemnos, Battle of Helles and. K.L. Rankin **447**, 693.
Lend-Lease Fleet, B.M. Kassell **591**, 537.
Lengthening a Large Ocean Steamer **68**, 492.
Lenhart, J.L. **256**, 878.
Lenin, Nikolai: Death **254**, 678.
Lenin and Soviet Grand Design for the Arctic. J.H. Guill **665**, 89.
Lenine, Nickolai. Assassination Attempted **188**, 2494.
Leninist Principles of Military Science: Navies in War and in Peace. S.G. Gorshkov, Part 5: **855**, 220.
Lennox, J.J.: Training Reserve Supply Corps **375**, 647.
Lenton, H.J.: Missile-Armed Fast Patrol Boat (ProfNote) **805**, 109.
Leon, X.F.
  The Education and Training of Naval Officers: An Investment in the Future (Maloy) (C&D) **872**, 90.
  Marine Corps Operations in Vietnam, 1969-72 (Simmons) (C&D) **851**, 75.
Leonardo da Vinci (Italian battleship)
  Loss of the. **165**, 1705.
  Salvage of. A. Guidona **225**, 1677, 1689.
Leon Gambetta (Frence cruiser)
  Austrian Account of Destruction of the. **158**, 1370.
  Further Trials **114**, 492.
  Strikes Rock During Trials **110**, 431.
  Torpedoed **157**, 1012.

Leopard (Br.) and Chesapeake (U.S.)
At Loggerheads in "Cold" War. W.R. Wendt **567**, 519. **571**, 1027.
William H. Allen and Chesapeake-Leopard Affair. W.E. Apgar **414**, 1150. **416**, 1525.
Leopold, L., Jr.: Cyprus Bastion **589**, 257.
Leopold, Reuven
Designing the Next Aircraft Carriers **898**, 33.
Should the Navy Design Its Own Ships? (NavRev) **867**, 150. **873**, 76.
U.S. Naval Ship Design: Platforms vs. Payloads **870**, 30. **873**, 75.
Lepanto, Battle of. **588**, 199.
Lepawsky, A. **453**, 1625.
Le Picard (Fr) **824**, 50.
Leppert, J.H. **351**, 747.
Lerche, C.O.
Contrasting Strategic Styles in the Cold War **711**, 23. **717**, 119.
Professional Officer and Foreign Policy **737**, 68.
Sweden: Neutralism or Neutrality? **695**, 68.
What's Behind the Russian Mask? **727**, 26. **733**, 109. **734**, 114. **741**, 113.
Le Redoutable (Fr): French Polaris (ProfNote). G.J. Geiger **790**, 141.
Leroux, J.
The Belleville Boiler (Tr.) **23**, 103.
Modern Projectiles (Tr.) **77**, 218.
The Naval Combats in the War of the Pacific, 1879-1881 (Tr.) **43**, 688.
A Study of the Movements of the Atmosphere (Tr.) **55**, 537.
A Study on Fighting Ships (Tr.) **47**, 699.
Warships and Naval Warfare (Tr.) **66**, 167.
LeSchack, L.A.: Skyhook Retrieval (ProfNote) **757**, 138.
LeShane, A.A., Jr.: Fair Exchange (anec) **655**, 930.
Leslie, G.C.
Escort Ship--Challenge to the Shiphandler (C&D) **776**, 106.
R.A.F., The Impossible Dream (Emmott) (C&D) **813**, 87.
Lesser Deterrent. Brown Taylor **678**, 33.
Lester, J.C.
Navigating North of Sixty **485**, 957. **491**, 63.
Taste of Sawdust (anec) **842**, 27.
LeStourgeon, F.C.: Singular Honor (anec) **713**, 65.
Let Caissons Roll. A. Lee **356**, 1458.
Letcher, J.L.: Which Five-Year Shipbuilding Program (Rumsfeld) (C&D) **894**, 69.
Le Terrible (Fr) **350**, 616.
Letimbro (SS): Torpedoed **165**, 1724.
Le Triomphant (Fr) **350**, 616.
Gallant Cedar Mills. John Bunker **651**, 532.
Let's Pull Together. H.H. Frost **354**, 1175. **358**, 1844.
Let's Use Our Intelligence. T.G. Martin **777**, 56. **782**, 100.
Letter Carried on First Submerged Circumnavigation **689**, 67.
Letter From Sailor. D. Burnet **576**, 153.
Letter on Training Man-of-War's Men. See: No. 98. Discussion **99**, 583.
Letter To My Son. Anonymous **634**, 1310.
Letters of a retired rear admiral to his son in the navy. A.P. Niblack **156**, 367. **157**, 841.
Letting Cat Out of Bag: Origin of. **311**, 13.
Leugenboom Gun. Description **193**, 449.
Leuthe, F.B.: High-Low (Zumwalt) (C&D) **887**, 77.
Leutze, E.H.C.
Ballistic Photographic Experiments (Tr.) **52**, 175.
Determination of Tracks of Vessel during Trials... **54**, 431.
Letter Concerning Rules of the Road and Lights Carried at Sea **51**, 588.
O.W. Farenholt, Rear Admiral USN **312**, 139.
Photographic Determination of the Disturbances caused by Projectiles in Air **44**, 263.
Right-of-Way at Sea **49**, 277.
Leutze, J.R.: Technology and Bargaining in Anglo-American Naval Relations: 1938-1946: **892**, 50. **894**, 70. **897**, 83.
LeVan, H.A., Jr.
Continental Navy Frigate Raleigh (OldNav) **682**, 148.
Revolutionary War Schooner Swift (OldNav) **674**, 144.
Levant (HMS): Log of the Constitution, Feb. 21-24, 1815: Capture of the Cyane and the Levant. C.W. Fisher **168**, 227.
Levasseur, J.J.: Insurance for Naval Recruits **416**, 1393.
Leventhal, R.M. **861**, 90.
Leverton, J.W. **405**, 1621. **412**, 868. **423**, 736.
Irish Pennants **445**, 414. **448**, 869.
Pegged (anec) **878**, 68.
Leverton, Wilson: Idea That Boomeranged (anec) **772**, 73.
Levey, S.N.
NROTC: Quo Vadis? (Bouffard) (C&D) **896**, 68.
Quiet Crisis in the Silent Service (Thamm) (C&D) **832**, 110.
Leviathan (HMS): Trials **102**, 350. **105**, 259.
Leviathan (SS): **201**, 1921. **229**, 474. **230**, 659. **245**, 1201. **247**, 1521, 1568. **265**, 492. **348**, 292. **349**, 437. **351**, 777. **353**, 1082. **354**, 1228. **357**, 1680.
Leviathan (USS) **363**, 763. **364**, 909. **365**, 1073. **370**, 1811. **416**, 1526.
A Whale of a Ship. F.O. Braynard **865**, 84.
Leviathans of Antiquity. T.L. Schumacher **265**, 446.
Levine, A.S. **689**, 100.
For Whom the Polaris Submarine Is Habitable **680**, 32.
Levine, E.H.
Appropriate Beginning (anec) **695**, 49.
Defense Language Institute, East Coast Branch (ProfNote) **733**, 140.
Practice Makes Perfect (anec) **726**, 67.
Slight Understatement of Fact (anec) **689**, 158.
Levine, Gordon
Carrier Deployment: Waste Not, Want Not (Carter) (C&D) **866**, 79.
The Marines: Now and In the Future (Simmons) (C&D) **871**, 83.
The Red Navy--Telling It Like It Isn't (Ott) (C&D) **877**, 115.
Sea Control Ship Concept: Down the Drain (Callahan) **871**, 82.
Levine, I.D. **612**, 217.
Levinson, S.E. (Co-author): See: B.M. Blechman.
Levitt, B.B.: The Rigid Airship in the Sea Control Mission (ProfNote) **887**, 112. **879**, 74.
Levy, M.L.: Naval Air Reservists' Airlift to Vietnam (ProfNote) **779**, 127.
Levy, U.P. **313**, 270.
See also: Old Navy--Incident in Rio.
Lewis, C.: Statistical Methods: Aid to Inspectors (ProfNote) **774**, 143. **777**, 102.
Lewis, C.D., Jr.: Patience: Bedrock of Strategy in the 1960s (C&D) **747**, 112.
Lewis, C.L. **270**, 1473. **349**, 452. **353**, 1060. **439**, 1337. **462**, 1163. **464**, 1465. **474**, 1159. **541**, 356. **543**, 634. **555**, 596. **655**, 1010.
Alonzo Chappel and His Naval Paintings **409**, 359.
American Short Stories of Sea **457**, 371. **461**, 1011.
and M.L. Cooke: American Naval Officer in Mediterranean, 1802-7: **465**, 1533.
Byzantine Invasion of North Africa, Sicily, and Italy **489**, 1435.
Clerk's Naval Tactics **352**, 853. **357**, 1651.
Description of United States Naval Academy **392**, 1443.
English Short Stories of Sea **453**, 1552. **461**, 1011.
Famous English Sea Tales **302**, 293.
Imaginative Aeronautics **398**, 544.
Old Navy at Constantinople **368**, 1442, 1527.
Our Navy in Pacific and Far East Long Ago **484**, 857.
Passing of Togo **384**, 229.
Sea Tale in American Literature **288**, 163.
Some Shall Escape (As told by J.L. Chew) **510**, 887.
Lewis, C.P.
Chow Down (anec) **579**, 471.
Hard Way (anec) **575**, 33.
Inside Job (anec) **560**, 1103.
No Target Today (anec) **599**, 73.
Objective Confusion (anec) **574**, 1327.
Take It Easy! (anec) **577**, 275.
Lewis, Chantee: Changing Climate in Federal Labor Relations **745**, 60. **749**, 108.
Lewis, Charles L.: English Naval Schools **190**, 2765.
Lewis, D.D. **707**, 130.
James Fenimore Cooper: Novelist, Historian, and "Lawyer" (OldNav) **722**, 170.
NATO ASW Situation **674**, 55.
Problems of Obsolescence **680**, 27.
Lewis, E.R. **703**, 107.
Against All Enemies (Hanks) (C&D) **809**, 89.
Co-Author: See: D.P. Kirchner.
Dreadnought (C&D) **755**, 120. **760**, 123. **764**, 130.
Lewis, H.S.
Command Decision (anec) **627**, 539.
Manila or Non-Manila **603**, 505.
Lewis, J.
Celebrities Are Made (anec) **611**, 75.
Hard Way (anec) **564**, 179.
Interference (anec) **562**, 1341.
Reverse Psychology (anec) **606**, 845.
Lewis, J.A.: They Flew so Low Their Shadow Was on Top (anec) **705**, 123.
Lewis, J.O.: Oil Engines and Fuel **281**, 1435.
Lewis, J.S. **654**, 901.
Lewis, K.A.
A Coming Seamanship Crisis (Cahill) (C&D) **866**, 82.
The Merchant Marine--Awash in Manpower Problems (Miller) (C&D) **866**, 82.
Lewis, L.W. **665**, 112.
Lewis, Michael **684**, 107.
Horatio Nelson: A Bibliographical Survey **632**, 1093.
Lewis, S.P.: V/STOL Close Air Support in the U.S. Marine Corps (ProfNote) **884**, 113.
Lewis, T.L. **779**, 109.
Canals and Channels, A Look Ahead **774**, 33.
Lewis, W.: American Naval Officer in Mediterranean, 1802-7. M.L. Cooke and C.L. Lewis **465**, 1533.
Lewis, W.B. **560**, 1184. **573**, 1259. **596**, 1147.
Book Review **872**, 101.
"Bowditch," 1802-1952: **592**, 653.
Prince Henry the Navigator **693**, 63.

Lexington (U.S.) (CV-2): **237**, 1967. **240**, 329. **243**, 864. **262**, 2100. **331**, 866. **333**, 998. **341**, 980. **342**, 1069. **343**, 1265. **344**, 1418. **345**, 1573. **347**, 123. **348**, 301. **353**, 1087.
Lexington and Saratoga, The New Beginning. F.M. Craig **802**, 84.
Lexington (USS)--Brigantine-of-War **281**, 1339.
See also: Cover Pictures--April 1960.
Lexington, Brigantine-of-War, 1776-1777. Phillips Melville **686**, 51.
Ley, W.
and H. Schaefer: How About Penetration Bombs? **466**, 1712.
Big Bertha, 1855 Style **456**, 199.
I Christen Thee... **472**, 770.
Rocket Airplanes? **460**, 835.
Le Yacht **335**, 112.
Leyden (U.S.) **393**, 1643.
Leydon, J.K. (BkRev) **756**, 115.
Leypoldt, H. **385**, 401.
Bay of Fundy Tides **423**, 693.
California Seiches and Philippine Typhoons **412**, 775.
Currents in Los Angeles Harbor and Vicinity **435**, 685. **440**, 1481.
Earthquake Risk in Los Angeles-Long Beach Harbor **490**, 1589.
San Francisco Bay Tides **439**, 1270.
Leys, J.F.: Mental and Moral Training for War **144**, 1241.
Leys, J.F., Tr.: Strategic Problems and Their Solution. R. von Labres **153**, 1409.
Leyte (U.S.) (CVS-32) **680**, 156.
See also: Cover Pictures--October 1959.
Leyte Gulf, Battle for **681**, 101.
Battle for Leyte Gulf. W.F. Haley, Jr. **591**, 487.
Battle Stations Submerged. R.C. Benitez **539**, 25.
First Uncensored Japanese Account. J.A. Field, Jr. **577**, 255.
Jeeps versus Giants. W. Karig, R.L. Harris, and F.A. Manson **538**, 1445.
Modern War and Ancient Maxims. W.D. Puleston **514**, 1435.
With Kurita in Battle for Leyte Gulf. T. Koyanagi **600**, 119.
LHA Construction Contract Awarded (Nbk) **799**, 156.
Liaison Officer **363**, 669.
Scientific Liaison. G.W. Dyson **535**, 1073.
Libau
Bombardment of. 1914: **155**, 257.
Captured by German Forces **157**, 1010.
Libbey, M.A., III
Book Review **888**, 85.
Co-author: See: R.W. Cannan.
Libby, A.A.: Proceedings Cover--The American's Creed (C&D) **832**, 101.
Libby, F.J.: Who's Who in America **302**, 340.
Libby, R.E. (BkRev) **834**, 101.
Liberdad (Chilean battleship)
Description **105**, 241, 286, 292.
Sold to Great Britain **108**, 968.
Liberia: Navy Founds a Nation (OldNav). M.L. Duke **811**, 68.
Liberté (Fr) **267**, 825.
Destruction of the. R. Earle **140**, 1275.
Discussion of the Liberté catastrophe by the French chamber **141**, 357.
Launched; description **114**, 492.
Liberté Catastrophe **140**, 1457.
Result of court martial in connection with explosion of magazine **141**, 357.
Liberty
See also: Leave.
The Navy's Unwelcome Visitors (C&D) **857**, 101. **862**, 85, 86.
Liberty (U.S.) (AGTR-5) **858**, 21.
Israeli Attack on. **898**, 108.
Liberty Engine
The Liberty Motor: Details of Construction **191**, 131.
Liberty Motor Use Limited **183**, 1121.
"Liberty" registered as Trade Mark **199**, 1644.
The New Air Engine **176**, 2339.
Official Description of Liberty Engine **185**, 1613.
Proves Satisfactory to British **189**, 2640.
24-cyl. Liberty Motor **200**, 1804.
First Seaplane with Liberty Engines tried out **183**, 1118.
Liberty Engine Reported Satisfactory **179**, 135.
The Liberty Motor **183**, 1119.
Liberty Motor a Success **181**, 632.
Liberty Glo (USS): All Is Lost but Honor. E.B. Perry **426**, 1107, 1236. **429**, 1641.
Liberty Ships **888**, 64.
End of the Liberty Ships (Nbk) **747**, 157.
Insurance Penalty Fee on Liberty Ships (Nbk) **751**, 153.
Liberty Ship Appears Doomed (Nbk) **772**, 150.
Liberty Ships Attract Fish (Nbk) **860**, 113. **863**, 78.
Liberty Ship Replacements on Rise (Nbk) **773**, 154.
The National Defense Reserve Fleet: Past, Present, and Future. C.H. Whitehurst, Jr. **888**, 26.
Tribute to the Liberties. John Bunker **685**, 55. **690**, 111, 112. **694**, 107, 108.
"Wheel-Horse" of World War II (ProfNote). E.S. Land **666**, 119.
Libia (It) **350**, 612.
Description **145**, 382.
Library
Langhorne Gibson's Naval Library (ProfNote) **351**, 762.
Library for Naval Buff (BkRev). A.E. Duncan, Jr. **690**, 120.
Libraries for Soldiers in Camps, 1918: **185**, 1576.
Ships' Libraries. T.D. Parker **155**, 143.
Starting Ship's in Coast Guard. B.L. Reed **253**, 436.
Libya
Corvette for Libya (Nbk) **762**, 160.
Zeltin--Maintenance and Repair Ship for Libya (ProfNote). John Rix **815**, 95.
License, Memo--Buy. R.B. Carney **423**, 657.
Licensing Requirements: Merchant Marine Licenses: Tickets Worth Having. W.B. Hayler **821**, 53. **830**, 98.
Liebhauser, C.H.: Capital Ship for an Air Navy **655**, 961.
Lienhard, B.A. **722**, 114.
Combat Store Ships (NewNav) **745**, 148.
Have You Seen Chester? (anec) **857**, 29.
Shiphandling in Modern Underway Replenishment (ProfNote) **801**, 140.
Life and Death. E.H. Crosbe **343**, 1159.
Lifeboats
See also: Boats.
Flying Lifeboat of Coast Guard. H.C. Reisinger **359**, 81.
International Lifeboat Conference: 5-9 June 1967 (ProfNote). R.C. Gould **788**, 141.
Lifeboats for U.S. Life-saving Service. C.H. McClellan **93**, 216.
Urethane Foam Used in New Life Boats (Nbk) **787**, 156.
Life Buoys
Life Buoy with Electric Signal Lamp **91**, 635.
A Propeller Life Buoy **76**, 918.
A Reducible **73**, 191.
The Reel. A. Rust **41**, 268.
Life Preservers, Buoyant Materials for Navy, in World War II. A.L. Holden **524**, 1327.
Life Rafts
Life-Raft Navigator. J.E. Solan **507**, 505.
Rubber Boat, Friend and Fighter **517**, 441.
Lifesaving
Air-Sea Rescue off Halmahera. S.J. Allen **615**, 549.
Beach Patrol and Great Tradition. J.W. McCain, Jr. **499**, 1123.
Boats **257**, 1177. **262**, 2122.
Riesenberg, Felix **279**, 1003.
Bring 'Em Back Alive--Navy Style. J.B. Penfold **507**, 499.
British Lifeboat Service. S.C. Douglas **247**, 1473.
Buoyant Materials for Navy Life Preservers in World War II. A.L. Holden **524**, 1327.
Coast Guard **315**, 374.
Condition One and Abandon Ship. J.A. Millspaugh **490**, 1583.
Drinking Water from Sea Water. W.V. Consolazio, N. Pace, and A.C. Ivy **498**, 971.
Drone in a Fog **698**, 102.
European Rescue Cruiser (ProfNote). O.G. Costa **727**, 130.
Flotation, Use of Clothing **479**, 148.
Flying Lifeboat of the Coast Guard. H.C. Reisinger **359**, 81.
Gallant Cedar Mills. John Bunker **651**, 532.
G-o Life-line Gun **202**, 2099.
The Great Freeze, 1917-18 (OldNav). F.B. Thurber **709**, 152.
Have You Ever Lost a Man Overboard? D.J. Carrison **630**, 893.
International Conference **316**, 534.
I Will Not Abandon You. J.C. Carrothers **726**, 59.
Joshua James--Lifesaver Nonpareil. A.E. Carlson **678**, 81.
Life-saving At Sea. T.B.M. Mason **4**, 77.
Man Overboard 1960 (ProfNote). C.A. Sander **683**, 150.
Man Overboard Problem on Destroyers G.E. Brandt **327**, 419.
Man Overboard! This Is Not Drill! C.F. Cauthen, Jr. **618**, 886.
Now You Can Swim Away. W.C. Chambliss **500**, 1223.
Recipe for Survival. W.C. Chambliss **485**, 949.
Rescue of Crew of a Foundering Vessel. G.C. Stedman **363**, 681.
Safety at Sea **315**, 455. **317**, 629.
Safety of Life at Sea
Gurley, Ralph R. **627**, 549.
Niblack, A.P. **295**, 1018.
Search and Rescue--And You! G.R. Evans **682**, 35.
Search and Rescue Helicopter Pilot Training (Pict). D.B. Marshall and R.D. Moeser **770**, 93.
Search Planning (ProfNote). M.J. Reubens **700**, 128.
Survival at Sea. E.L.E. Ritson **608**, 1057.
Tragedy Off Hatteras. D.E. Collins **686**, 37.
Wacco, America! L.R. Curtis **514**, 1449.
Life-Saving Apparatus
British Navy's Life-saving Apparatus (Adopted 1911): **137**, 298.
British Passenger Ships to Carry Aerial Life-Line Torpedoes, 1900: **129**, 322.
Description of U.S. Life-saving Steamer Snohomish **129**, 331.
Invention for Escape from Submarines, 1913: **150**, 582.
Life-saving Apparatus...for submarine boats **144**, 1696.
Life-saving Collars **156**, 572.

A Life-Saving Waistcoat **156**, 571.
Submarine Life-Saving Helmets in British Navy, 1909: **131**, 965.
Swimming Collars for British Sailors **155**, 286.
Life-Saving Appliance, Gardner's **70**, 466.
Life-Saving Service--United States
The Life-Savers: "For Those in Peril on the Sea." R.F. Bennett **877**, 54.
They Are All Gone. D.L. Noble **877**, 92.
Light Airborne Multi-Purpose System (LAMPS)
DesRon Airedale, Arriving (ProfNote). A.D. Schatz **895**, 115.
LAMPS on Destroyers of the Future (Nbk) **789**, 154.
LAMPS in the Gulf of Tonkin (ProfNote). H.E. Reichert **841**, 115.
A Look at Our Lamps. M.R. Bonsignore **826**, 26. **841**, 100.
New Partnership: Helicopter and Destroyer (ProfNote). W.W. Price, II: **820**, 99.
Light Beams: Laser: The Light Fantastic. K.R. Stehling **846**, 42. **851**, 74.
Light Cruisers. H.S. Howard **283**, 1733. **286**, 2517.
Lighter (BDL), New Army Beach Discharge (Nbk) **779**, 148.
Lighter-Than-Air Craft
Daughter of the Stars. J.G. Vaeth **847**, 61. **850**, 84, 85.
Design of the Great Airships (ProfNote). W.L. Fischer **780**, 126. **784**, 116, 117.
Gliding Experiments at the Naval Academy (OldNav). C.G. Halpins **824**, 78.
Mystery of the L-8 (OldNav). Irwin Ross **805**, 84.
The Navy's Tin Bubble (OldNav). R.H. Rankin **750**, 170.
The Rigid Airship in the Sea in the Sea Control Mission (ProfNote). B.B. Levitt **887**, 108. **896**, 74.
Light for War Vessels, A New Finding **79**, 669.
Lighthouses
Boston, Mass.: First Lighthouse in United States. E.S. Clark, Jr. **410**, 507.
Computer Runs Long Island Lighthouse (Nbk) **756**, 146.
Developments in Marine Lighting (1918) **183**, 1105.
Lead Kindly Light. K.A. Andersen **578**, 405.
Lights Out for Screw-Pile Lighthouses (OldNav). S.L. Carlson **865**, 70.
Minots Ledge, Mass. **378**, 1103. **443**, 59.
Navassa Island Light **160**, 2046.
Port Said, Egypt, New Lighthouse Apparatus for. **243**, 878.
South American Coast, New Lighthouses on. (ProfNote) **226**, 1981.
Staten Island, High Intensity Beacon on. (ProfNote) **227**, 141.
System of Lighting Ships and Lighthouses. J.H. Claiborne and J.S. Jones **127**, 1005.
Talking Beacon, Cumbrae Lighthouse on Clyde **338**, 554.
Tillamook Rock, Oregon **378**, 1103.
Lighthouse Service
Consolidation of Lighthouse Service with Coast Guard. R.H. Macy **443**, 58.
Harbor Hunting in Alaska. J.M. Ellicott **413**, 939.
Lighting Systems: Navy Uses Floodlights on Carriers (Nbk) **762**, 154.
Lightle, W.T.: Extracts from Mahan's Naval Strategy **155**, 155.
Lightning
Artificial Lightning **234**, 1434.
Lightning Protection for Balloons **243**, 875.
Lightning, American Clipper: See: Cover Pictures--April 1956.
Lights
See also: Shiplights; Searchlights; Lighthouses.
Distance Graph for Light on Horizon. G.T. Rude **294**, 860.
Light: Measuring Velocity **323**, 38, 42.
Lights at Sea, Visibility of. **79**, 667.
Lights on Sea-going Ships, Range. F.F. Fletcher **39**, 463.
Lawful Lights. R.F. Farwell **409**, 307.
Navigation Lights **295**, 1018.
Navigational Lights Under Wartime Conditions. G.W. Dyson and C. Wilkenloh **520**, 825. **522**, 1090.
Vessels at Anchor **342**, 1117.
Lightships
Collisions **420**, 303.
Destination Nowhere: Twilight of the Lightship. R.D. White **877**, 64.
Diamond **232**, 1051.
Dimming Sentinels. J.L. Degnan **676**, 75.
Frying Pan Shoals Lightship Replacement (Nbk) **749**, 146.
Lightship (Electric) off Cape Hatteras **94**, 385.
Lightship No. 69, The Diamond Shoal **85**, 131.
Lightships to Super Sea Buoys? (ProfNote). E.F. Oliver **776**, 131.
Nantucket **249**, 1935.
[Scotland] Lightship Moves (Nbk) **729**, 139.
Lignum-vitae: Nautical Uses **201**, 1929.
Lika (Austrian destroyer): Sunk off Durazzo **161**, 307.
Liljencrantz, E.: Aviation Medicine--Its Responsibilities and Problems **430**, 1753.
Liljencrantz, E., C.A. Swanson, and L.D. Carson: Use of Eyes at Night **472**, 802. **487**, 1239.
Limburg: Dispute of Belgium and Netherlands **201**, 1943.
Lime-Juicer: Origin **311**, 14.
Limey "Ex-Gob": One Way to Increase Circulation (anec) **802**, 83.
Limitation of Armaments
An Admiral Speaks. H.P. Jones **320**, 924.
Another Side of 5-5-3 Argument. D.W. Knox **272**, 1985.
Armament Agreement of Washington Conference. W.L. Rodgers **236**, 1822.
Armament by Example and Arbitration. E.S.R. Brandt **269**, 1152.
Armaments Defined **283**, 1889.
Arms Conference Not Sure to Succeed. H.W. Harris **257**, 1179.
Arms Control, No Simple Answers. R.L. Giddings, Jr. **804**, 40.
Arms Control Since Hiroshima. D.R. Mets **850**, 18.
Arms Parley Call up to Europe. D. Laurent **264**, 337.
Arms Truce Replies **346**, 1729.
Aviation and. **251**, 113. **345**, 1580. **350**, 627.
Book Review **352**, 911.
Budget Plan **348**, 295.
Cecil, Viscount, re **235**, 1640. **237**, 1998. **354**, 1219.
Censorship **348**, 317.
Conference 1929: **312**, 164. **317**, 646. **336**, 273.
Conference, 1930: **323**, 85. **326**, 355, 365. **335**, 130.
Conference, 1932: **344**, 1420, 1429. **346**, 1721. **347**, 130. **348**, 294, 296, 299.
Coolidge, C., re **290**, 464, 490.
Cruiser Bill, 1929, and Naval Reduction. H.C. Bywater **320**, 912.
Developments in Limitation of Naval Armaments. D.W. Knox **284**, 1985.
Disarmament Dilemma (ProfNote). R.D. McWethy **728**, 147.
Disarmament--Is It Possible? A.E. Sokol **698**, 57.
Disarmament on the Great Lakes. S.L. Falk **706**, 69. **710**, 107.
Draft Convention of 1932 Armament Limitation Conference. L.C. Dunn **341**, 889.
Economy and Debts **345**, 1595. **348**, 284. **356**, 1523.
Economy of Naval Armament. E.S.R. Brandt **357**, 1597.
Elementary Point of the Treaty Limiting Armaments. W.E. Doyle **252**, 195. **256**, 965.
England **240**, 357. **241**, 517. **257**, 1143. **288**, 206. **290**, 464. **322**, 1069. **348**, 297. **349**, 427. **350**, 612. **355**, 1368. **357**, 1688.
Five-Power Conference **322**, 1069. **323**, 72, 77. **327**, 461, 471.
France **238**, 2155. **239**, 140. **244**, 1046. **247**, 1502. **290**, 471. **291**, 592. **323**, 77. **324**, 165. **341**, 974. **345**, 1568. **348**, 298. **355**, 1373. **358**, 1810.
Functions of Naval Power. W.H. Gardiner **320**, 839.
Future of Arms Limitations. W.H. Standley **404**, 1391.
Gas **350**, 637.
Geneva Arms Conference Failure Should Stir U.S. D.W. Knox **287**, 84.
German **345**, 1569, 1595. **347**, 119. **348**, 298. **357**, 1659, 1671. **358**, 1810.
Gibson's Address at Geneva. D.W. Knox **316**, 532.
Haunted Quest. R. Hargreaves **601**, 257.
Henderson, A. **341**, 986. **345**, 1578. **347**, 131.
Hepburn, A.J., re **356**, 1521.
Hoover, H.C. **323**, 56. **356**, 1521. **358**, 1832, 1834. **354**, 1217. **355**, 1368.
How Peace. T.L. Gatch **331**, 820.
Hughes, C.E. re **280**, 1200.
Is Hong Kong Limited by Washington Treaty? W.S. Anderson **282**, 1513.
Issue at Next Naval Conference. M.R. Talbot **382**, 1682.
Italy **346**, 1711.
Japan **225**, 1814. **229**, 510. **283**, 1835. **291**, 594. **322**, 1071. **323**, 77. **327**, 461. **344**, 1415. **345**, 1570, 1579. **346**, 1713. **348**, 298. **354**, 1226. **355**, 1376, 1393. **358**, 1835. 1844.
Lest They Forget. W.V. Pratt **362**, 481.
Lexington and Saratoga, The New Beginning. P.M. Craig **802**, 84.
Limitation of Armament. J.B. Gautreau **341**, 973.
Limitation of Armament at Washington Conference. H.S. Knapp **243**, 767.
Limitation of Naval Armament. W.S. Anderson **277**, 427. **280**, 1178. **281**, 1388. **287**, 42.
Limitation, Pure and Applied. T.D. Parker **346**, 1677.
London, 1929: **318**, 732.
McNamee, L., re **233**, 1139.
Methods at Geneva **354**, 1217.
Military Services and. **358**, 1826.
Mussolini, B. re **357**, 1676.
Naval Armament Limitation. C. Conard **371**, 9. **374**, 545.
Naval Limitation from Technical Point of View. M.F. Gunning **368**, 1433.
Naval Limitations. H.H. Smith-Hutton **410**, 463. **414**, 1168.
Naval Notes, Various **237**, 1985. **238**, 2185. **239**, 135. **260**, 1752. **274**, 2356. **284**, 2147. **287**, 85. **290**, 471. **315**, 448. **317**, 640. **325**, 253. **345**, 1560, 1562. **347**, 142. **356**, 326.
Naval Ratios and Neutrality. E.S.R. Brandt **370**, 1690.
Netherlands **345**, 1572.
New Naval Conference Predicted. D.W. Knox **265**, 498.

Notes on 1921 Conference **225**, 1847. **226**, 1985. **227**, 115, 146. **228**, 285. **229**, 470, 507. **241**, 521. **242**, 702, 717. **246**, 1383. **249**, 1904. **266**, 623. **279**, 1057. **291**, 630.
Notes on 1932 Conference. S. Mills **349**, 454. **350**, 630. **351**, 782. **352**, 939. **353**, 1091. **354**, 1236. **355**, 1387.
Notes, Various **240**, 359. **249**, 1939. **255**, 857. **256**, 980, 1033. **260**, 1754. **268**, 1092. **270**, 1516. **278**, 773. **290**, 517. **294**, 926.
Pacifists: Food For Thought **345**, 1593.
Peace Caravan Tourists **345**, 1594.
Peace in Europe **348**, 307.
Poland **346**, 1713.
Present Problems of Naval Reduction. T.C. Kinkaid **341**, 949.
Problem of Naval Treaties. M.F. Talbot **376**, 745.
Realities of Arms Limitations (NavRev). D.A. Paolucci **831**, 178. **835**, 94.
Russia **346**, 1714. **347**, 123. **348**, 299. **350**, 620.
Second Naval Parley Needed. D.W. Knox **264**, 339.
Security of Armaments **327**, 458.
Sentiment of Nations **346**, 1721.
Small Warships Favored **321**, 1003. **325**, 236. **348**, 296. **355**, 1368.
Submarines **323**, 58. **326**, 355. **350**, 637.
Submarines and Disarmament Conferences. W.S. Anderson **287**, 50. **289**, 339.
Three-Power Naval Treaty **290**, 460. **291**, 611.
Treaties, Beyond Naval. M.F. Talbot **386**, 465. **391**, 1301.
United States **244**, 1043. **285**, 2325. **316**, 549. **342**, 1132. **344**, 1413. **345**, 1578. **347**, 131. **348**, 299, 301. **358**, 1810.
War on War. L.M. Cox **339**, 599. **340**, 858.
Washington Treaties **265**, 459. **279**, 1057. **345**, 1560.
Washington Treaty Permits Oil Burning Vessels. D.W. Knox **256**, 993.
World Unready for New Arms Parley. H.C. Bywater **256**, 1021.
Limitation of Presidential War Powers: The War Powers: Constitutional Crisis. R.J. Barrett **849**, 18.
Limited Duty Officers: See: J.T. Rodgers. Is Experience Enough?
Limited Force, Legal Aspects of: Legal Use of Force Short of War. Bruce Harlow **765**, 88.
Limited War
American Landing in Lebanon. Robert McClintock **716**, 65. **727**, 96.
A Doctrine for Limited War. Roy Beavers **812**, 26. **830**, 105.
Limited War--Limited Peace? E.J. Carroll, Jr. **766**, 30. **774**, 109.
Mine as a Tool of Limited War. J.A. Meacham **768**, 50. **772**, 103, 105. **773**, 107. **776**, 106.
Orders Firm But Flexible. H.A. Hadd **716**, 81. **727**, 96.
Rational Victory. R.W. Selton **780**, 27. **783**, 109.
Sea Power and Limited War. M.W. Cagle **665**, 23.
Shu-Fly Diary. A.J. Clapp **728**, 42.
Strategies and Realities. J.I. Coffey **756**, 34.
Victory in Limited War. C.L. Parnell **796**, 26. **800**, 116, 117, 118. C&D: **804**, 92.
Vietnams and Munichs. G.E. Lowe **764**, 62. **767**, 97.
Limp, Why the? G.E. Davis **365**, 988.
Lincoln, Abraham
See also: Franklin Hanford. How I Entered the Navy.
Least of Lincoln's Brethren. Wilmon Menard **840**, 59.
Lincoln, J.B. **458**, 556.
Lincoln, P.S. **411**, 707. **461**, 1011. **514**, 1497. **525**, 1467. **528**, 204. **541**, 351. **614**, 454.
Civilian Defense and Navy **475**, 1224.
Human Engineering and Navy **397**, 352. **400**, 866. **401**, 1031. **407**, 104.
Lind, W.S.
The Future of U.S. Amphibious Forces: A View from the Hill (C&D) **897**, 71.
The Soviet Aircraft Carrier (Polmar) (C&D) **888**, 79.
Lindbergh, C.A. **293**, 825. **301**, 252. **302**, 339. **329**, 657. **356**, 1535.
Atlantic Flight, 1933: **372**, 276. **373**, 435. **375**, 717.
Weems, P.V.H. **375**, 672.
Lindemann, F.A.: See: Bomber Navigation, the Blind Led the Blind.
Lindgren, C.W.: Light in Pacific **590**, 398.
Lindgren, H.C. (joint author): See: Owen, J.P.
Lindig, R.H. **593**, 799.
L'Indomptable (Fr) **350**, 616.
Lindsay, E.E.: USS Dolphin (AGSS-555)--The Navy's New Deep Diver (ProfNote) **799**, 138.
Lindsay, J.H.: Designing for Change: Present and Future (Joliff and Kerr) (C&D) **861**, 93.
Lindsay, R.
Blue and Gold Officer--His Naval Academy Commitment (ProfNote) **805**, 113.
Your Second Career (ProfNote) **793**, 145.
Lindsey, Douglas: Unification in Canada (C&D) **774**, 103.
Lindstrom, Kenith V.: Absent Over Leave? (anec) **631**, 1029.
Line Officer Obsolete? W.D. Brinckloe **676**, 27.
Line of Position: See also: Altitude and Azimuth.
Line School, First Year of. J.C. Shaw **537**, 1341.
Line Task: Command. A. Tawresey **314**, 296.
Liners
Auxiliary Cruisers **328**, 547, 551, 545. **333**, 1050. **334**, 1140. **342**, 1109. **346**, 1708.
Lexington and Saratoga: Conversion Suggested **344**, 1418.
Ling (SS-297) **895**, 67.
Linguistic Skills, Dollars for. **628**, 702.
Linnon, J.L.: Aids to Navigation in Vietnam (ProfNote) **814**, 99.
Linoleum Cuts **343**, 1149.
L'Insurgente (Fr.) and Constellation (U.S.) **401**, 1079.
Lion (HMS) **226**, 1954.
Alterations; illustrations **143**, 1125.
Description **141**, 314, 321.
Illustration **144**, 1640.
Launched; description **135**, 867.
Record of the various vessels named Lion **135**, 867.
Reproduction of painting by Wyllie "Bringing in the Wounded Lion." **160**, 2099.
Liouville, R. (Joint author): See: Vieille, P. and Liouville, R.
Lipke, Alan: General Purpose Destroyer (C&D) **774**, 107.
Lipke, E.E.
Indexing Nautical Almanac **477**, 1549.
North Atlantic Convoy **529**, 289.
Lippincott, Walter: Thousand Dollar Prize Essay Offer **164**, 1079.
Lippitt, F.J.: International Law: Naval Captures **86**, 301.
Lippmann, W.: London Naval Treaty **330**, 771.
Lipscomb, Frank: Victoria and Camperdown **659**, 53. **665**, 108.
Liquid Air, Possibilities of. Elihu Thomson **92**, 934.
Lisa (Swed. schooner) **435**, 660.
Lisle, B.O. **426**, 1236. **448**, 868. **453**, 1628. **455**, 97.
Boycotts, Sanctions or Blockade--Economics in War of Today **456**, 227.
Case for Aircraft-Carrying Oil Tankers **477**, 1555.
Eliminating Bottlenecks in National Defense **460**, 802.
Tankers as Naval Auxiliaries **427**, 1249.
Tank-Ship Operation at High Speeds **420**, 211.
Lismanis, Demetrious: England Expects Every Cook to Do His Duty (anec) **716**, 163.
Lissa, Battle of.
See also: Darrieus, War on the Sea **125**, 182.
Account of. In Knox, D.W. **152**, 1019.
Lissa, Naval Campaign of. W. Laird Clowes **98**, 311.
Litchfield (USS) **264**, 183.
Literature, Navy in. T. Taylor **596**, 1111.
Lithuania **235**, 1639. **241**, 534. **288**, 234. **350**, 599. **351**, 754.
Coalition Government Formed **185**, 1720.
Recognized by Germany **184**, 1422.
Littauer, S.B. **478**, 1764.
Little, C.H.: Royal Canadian Navy **687**, 73.
Little, H.H. **350**, 604. **352**, 915. **366**, 1199. **535**, 1115. **545**, 894.
Little, Ivor C.: Sea Trials for South Africa **838**, 78.
Little, J.C.: Some Practical Hints About Fortifications **37**, 175.
Little, N.C.: Peary and the North Pole: The Lingering Doubt (Rawlins) (C&D) **814**, 87.
Little, R.B. **459**, 708.
Little, W. McC **260**, 1615.
The Strategical Naval War Game or Chart Maneuver **144**, 1213.
Little Effie: See: Steam Launch.
Little Egypt's Naval Station (OldNav). D.M. Wegner **829**, 74.
Little Entente: Conference re Hapsburg Rule for Hungary **330**, 772.
Littlehales, G.W. **271**, 1723. **272**, 2045. **290**, 456. **328**, 570. **367**, 1350. **409**, 398. **439**, 1333.
Altitude, Azimuth and Hour Angle Diagram **177**, 2541.
Bringing Astronomy to Service of Aerial Navigation **341**, 939.
Chart as a means of finding geographical position by observation of celestial bodies... **181**, 567.
Condensed Azimuth Tables by the Employment of Phantom Celestial Bodies **288**, 168.
Decline of the lunar distance for the determination of time and longitude at sea **130**, 620.
The Efficacy of Oil for Subduing the Violence of Broken Water **49**, 353.
Finding geographic position in region of north pole **270**, 1339.
Finding the azimuth for determining the Sumner line **170**, 759.
Finding the course in great circle sailing (chart) **163**, 921.
New star identification tables of U.S. Hydrographic Office **134**, 644.
Physical characteristics of the ocean depths **191**, 45.
Search for instrumental means for observation of altitude without horizon (illus.) **186**, 1801.
Simplified method of finding the equation of equal altitudes **123**, 937.
Sumner line and compass error deduced

by inspection **108**, 953.
The uncertainties of geographical position in polar exploration **132**, 1043.
William Chauvenet and the U.S. Naval Academy (Port.) **115**, 605.
Litton Industries: The DX Competition. J.W. Devanney, III: **870**, 18. **874**, 71. **876**, 75. **882**, 74.
Littorio class battleship (It) **456**, 300.
Lituya Bay, Alaska: See: Day the Bay Ran Over.
Livermore, S. **256**, 876.
Liverpool (HMS)
Launched; description **132**, 1281.
Trials; description **135**, 874.
Livezey, W.E. **723**, 126.
Living Conditions: For Whom the Polaris Submarine Is Habitable. A.S. Levine **680**, 32.
Livingston, Brockholst **263**, 102. **266**, 611. **271**, 1744. **272**, 1965. **278**, 702, 705. **282**, 1579. **283**, 1787. **286**, 2520. **289**, 339. **292**, 686. **301**, 217. **304**, 491. **305**, 623. **307**, 783. **308**, 900. **309**, 1027. **310**, 1115. **311**, 50, 81, 83. **312**, 141, 172. **313**, 219, 258. **314**, 322. **315**, 473. **317**, 651, 654. **318**, 743. **321**, 1011. **323**, 81. **324**, 170. **331**, 877.
See also: Barry, R.
Aerial Attacks on Fleets at Anchor (C&D) **418**, 1780.
Are We Ready? **447**, 629.
Capital Ship Replacements **294**, 841.
Department of State **390**, 1089.
Diesel-Driven Surface Craft (C&D) **391**, 1306.
Is It Possible? **422**, 571.
Michelson in the Navy; the Navy in Michelson **796**, 72. **797**, 24. **800**, 115.
Naval Publicist's Aim **258**, 1255.
Old Naval Auxiliary Service [Cyclops] (C&D) **311**, 50.
Oslo Viking Ship Hall **448**, 828.
Our Shipping Renaissance **441**, 1554. **444**, 308.
Paul Jones and Arnold (C&D) **391**, 1304.
Promotion By Selection (C&D) **381**, 1607.
To Whom the Blame? **308**, 895.
Types and Tactics **433**, 311.
Wanted: Organized Publicity **282**, 1542.
Whither? Some Aspects of our Present Policy **289**, 289.
World Divided **429**, 1612.
Ljungstrom Turbine
Description **166**, 2012.
First British Installation **183**, 1126.
Llandovery Castle (Canadian Hospital Ship): Torpedoed **186**, 1932.
Lloyd, C.C.: Limes, Lemons, and Scurvy **744**, 72. **748**, 120.
Lloyd, Captain: Torpedo Discharge Below Water **92**, 926.
Lloyd, Christopher: An Anglo-American in the War of 1812 (OldNav) **812**, 80.
Lloyd, I.R.
Painting **449**, 922, 1067.
Ships Drawn From Plans **372**, 295.
Lloyd, J.H.: Last Cruise of the Old Trenton **287**, 80. **295**, 948.
Lloyd's of London
History **342**, 1123.
Lloyd's of London and World Maritime Traditions. F.M. Murphy **771**, 79.
Lloyd's Register of Shipping **408**, 221. **415**, 1313.
Loading (cargo): See: Cargo Handling.
Loading (guns): See: Guns.
Load Line
Government Regulation **207**, 773.
Load line legislation affecting American merchant vessels. S.B. Crosby **325**, 202.
Loans **208**, 990. **217**, 449. **254**, 682.
Important Considerations in Borrowing and Lending on Real Estate (ProfNote). L.P. Vidger **802**, 144.
Loans--International
American $50,000,000 Loan to China, July 1918: **186**, 1972.
Table of U.S. Loans to Allies (to Sept. 1918): **190**, 2907.
U.S. $5,000,000 Loan to China, 1916: **167**, 212.
U.S. Loans to Allies (July 1918): **187**, 2254.
Lobster Ghost. R. Stone **338**, 451.
Lobsters and Navy. R.S. Field **329**, 615.
Locarno Treaty **274**, 2407. **275**, 176. **285**, 2390.
Locetta, Joseph: Manpower and the Merchant Marine **809**, 26. **814**, 86. **816**, 97.
Loch Etive (iron clipper) **402**, 1219.
Lochfyne (HMS) **343**, 1268.
Lock, G.A.: VHF-UHF System in Chesapeake Bay (ProfNote) **748**, 145.
Lockee, G.E.: PIRAZ (ProfNote) **794**, 143.
Lockett, L.S.: When to Change Course and Speed (ProfNote) **732**, 132.
Lockhart, W.M.: Life in Aleutian Islands **413**, 1001.
Lockroy, M.: On the lessons of Tsushima **116**, 1025.
Locksley, Norman **702**, 106.
NATO's Southern Exposure **717**, 41.
Lockwood, C.A. **371**, 114. **376**, 833. **633**, 1276. **675**, 111.
Lockwood, H.H. **392**, 1395.
Lockwood, J.A. **392**, 1401.
Lodge, H.C.: Power of U.S. Fleet **332**, 925.
Lodge, Sir Oliver: Notes on Tuning in Wireless Telegraphy **123**, 1336.
Loeb, L.B. **313**, 225. **361**, 416. **448**, 791. **511**, 1083.
Joint Author: See: F.J. Pohl.
Naval Research in Peace and War **512**, 1169.
Loeb, R.B. **663**, 109.
Lofton, E.K. **697**, 111. **698**, 102.
Modern Navy for Modern Defense **693**, 56.
Loftus, S.F.: Career Development for the Naval Flight Officer **783**, 57. **786**, 110. **788**, 103, 104, 105.
Loftus, T.J.
Damage Control: Before, Not After (Fischer) (C&D) **838**, 93.
First Naval Gunnery Conclave (Roberts) (C&D) **800**, 115.
Professionalism and Writing (Brezina) (C&D) **806**, 95.
Logan, E.A.: Chemistry of primary galvanic cells and general discussion of storage cells **159**, 1559.
Logan, G.E. (photog.): Pacific Fleet Destroyers--March 1968 Cover.
Logan, George W.
The Azimuth Diagram... **128**, 1253.
Errors that arise from deflection of rays of light near the horizon **105**, 185.
Finding the intersection of Sumner lines **103**, 577.
On Marvell's "Development of method of finding line of position." **145**, 223.
On omitting the seconds in navigational sights **148**, 1553.
Sketch of life of Nathaniel Bowditch **108**, 927.
A useful table for tactical evolutions and other purposes **124**, 1487.
A "wrinkle" on chart symbols **148**, 1509.
Logan, J.A. **343**, 1290.
Logan, Stan: Callaghan Upstages C-5A Plane (Nbk) (C&D) **801**, 123.
Logistics **651**, 555.
See also: Book Reviews--R.G. Albion; Naval Strategy; Estimate of the Situation.
Air Logistics and Fleet Support in the Navy: A New Career Path? (ProfNote). H.B. Bartels **896**, 92.
As to logistics: In Knox, D.W.: Personnel legislation **148**, 1609.
Automated Control of Logistics. J.S. Prokop **773**, 45.
The Auxiliary Squadron. R.R. Belknap **170**, 639.
Beans and Bullets for Sea Lords (ProfNote). R.C. Powers **814**, 95.
A Case for Pre-Positioning (ProfNote). R.A. Smaldone **897**, 109.
Comparison between logistics of armies and fleets. R.E. Wyllie **183**, 999.
Economics and Navy. K.C. McIntosh **298**, 1263.
FDL Surfaces Again. R.L. Madouse **784**, 54. **787**, 112.
Fleet Logistic Support: Improvements in Delivery (ProfNote). G.H. Katzmann **842**, 104.
Fleet Maintenance in Nelson's Day, Sketch of. M.F. Talbot **437**, 958.
Importance of Study **206**, 651.
LASH and Seabee, New Ideas in Logistics (ProfNote). L.C. Kendall **792**, 140. **798**, 107. **799**, 111.
Logistical Readiness. G.C. Dyer **687**, 51.
Logistics: Its Bearing Upon the Art of War. C.T. Vogelgesang **145**, 63.
Logistics: Its Influence Upon the Conduct of War. H.P. Huse **168**, 245.
Logistics: Its Influence Upon Conduct of War...and Preparation of Plans. H.C. Davis **171**, 941.
Logistics-over-the-shore (LOTS) operations: Containers and Contingencies. C.O. Lanciano, Jr. **823**, 26.
Logistics Planning: Containers and Contingencies. C.O. Lanciano, Jr. **823**, 26.
Logistic Support--Fleet: Service Force in Action. D.M. Karcher **814**, 28. **828**, 102.
Logistics Support of Embarked Aviation. J.B. Kusewitt, Jr. **863**, 41.
Logistic Support System: Maladie de Paix. G.H. White **751**, 78. **755**, III. **756**, 109.
Logistics--What Is It? H.E. Eccles **604**, 645. **607**, 1017. **618**, 928.
Maritime Support of the Campaign in I Corps. F.C. Collins, Jr. **819**, 156.
MATS' Role in Naval Logistics. J.A. Rebentisch, Jr. **736**, 76.
Mobile Naval Support for Total War. Arthur F. Spring **630**, 907. **636**, 201.
Norfolk Naval Supply Center (ProfNote). Jack Gonzales **720**, 138.
Petroleum Problems of World War. P. Foley **261**, 1802.
Solving Logistics Problem. T.A. Brown **522**, 1083.
Strategic and Logistic Planning. L.P. Gray, III: **610**, 1321.
Strategy and Logistics of Dardanelles Campaign. W.S. Anderson **245**, 1127.
Strategy Department of Naval War College. R.R. Belknap **230**, 557.
View From FMF Pac of Logistics in the Western Pacific, 1965-1971 (NavRev). J.B. Soper **831**, 222.
What Can the Navy Learn from the Air Force's Advanced Logistics System? (ProfNote). S.R. Ruth **888**, 100.
What Is This Thing, Logistics? K.C. McIntosh **575**, 21.
Logs
Back to First Principles. F.L. Oliver **170**, 745.
The Cummings Log (illus) **181**, 628.
Flying Fish. H.D. Norman **433**, 363.
Gunnery Logs, Useful. R.E. Rose **383**, 61.
Indianapolis, Excerpts from Log of.

Logs (Cont.)
W.H. Duvall **411**, 685.
Log of the Gloucester First Institute Book Published **848**, 63.
New Departure in Ship Logs (illus) **105**, 307.
New Year's Poetry in Log: First Watch. R.W. McNitt **671**, 49.
Nymphe (Br.): Blockade of Boston. R.T. Sutherland, Jr. **408**, 195.
Ranger, Log of. L.H. Bolander **396**, 201, 301.
War-Time Tramp, Log of. L. Gibson **383**, 73.
Log Storage, Pensacola, Florida **450**, 1127.
London, Dan: Back to the General Purpose Destroyer (C&D) **768**, 112.
London, Declaration of. See: Declaration of London.
London, J.J. **307**, 781.
Early World War II Troop Convoy **508**, 681.
How "Cleopatra's Needle" Was Brought to America **486**, 1103.
Several Kinds of "Sons" (anec) **563**, 57.
Too Gallant (anec) **550**, 1539.
London, John J.: Easy method of bringing star down to the horizon in taking star sight **159**, 1545.
London (HMS) **337**, 396.
London
Four capitals in war time. T.S. Wilkinson **155**, 73.
Port of London Authority (Pict). R.D. Wells **823**, 64.
7-Power Conference **343**, 1281.
London Naval Treaty **328**, 572.
Committees **329**, 663, 673. **330**, 770.
Conference Opens **325**, 252.
England **331**, 873. **337**, 396.
Foreign Affairs **330**, 771.
Japan **329**, 663. **331**, 873. **333**, 1054. **352**, 944.
Lippmann, W. re **330**, 771.
Navies Affected **345**, 1560.
Permissible Building Programs Under. H.N. Wallin **334**, 1074.
Pertinax **330**, 771.
Ratifications **330**, 770. **331**, 873. **333**, 1054. **334**, 1157.
Text **328**, 560. **347**, 165.
United States **325**, 252. **328**, 565. **330**, 770. **331**, 879. **333**, 1034. 1063.
London Treaty and American Naval Policy. D.W. Knox **342**, 1079. **345**, 1557, 1563.
London World Power Conference, 1924: **260**, 1739.
Long, A.T.: International Hydrographic Bureau **339**, 609.
Long, Byron A.: Dispersion and accuracy of fire **144**, 1601.
Long, E.J. **512**, 1228. **513**, 1360. **518**, 579. **550**, 1561. **555**, 593. **559**, 1062. **585**, 1232. **603**, 559. **606**, 910. **620**, 1163. **705**, 123. **708**, 122. **709**, 112. **710**, 127. **714**, 118. **715**, 110. **716**, 118. **720**, 124. **728**, 133.
"Accidents" Stopped—By Order! (anec) **546**, 965.
Book Review **731**, 109. **737**, 119.
Combat Art in Navy **517**, 395.
Dash of Salt! (anec) **573**, 1185.
Eltanin, Floating Laboratory (ProfNote) **722**, 152.
General Grant's "Rabbit Dinner!" (anec) **571**, 967.
Hall of American Merchant Shipping (ProfNote) **751**, 146.
International Indian Ocean Expedition **711**, 60.
Japan's "Underseas Carriers" **568**, 607.
Mohole Updated **715**, 49.
National Oceanographic Data Center (ProfNote) **709**, 137.
No Equal Anywhere! (anec) **585**, 1155.
None in These Waters! (anec) **608**, 1121.
Oceanographers at Sea (Pict) **734**, 90.
Package Docks **624**, 193.
Progress in De-Salting Water (ProfNote) **716**, 140.
Something to Toot About! (anec) **577**, 307.
Subversives of Sea **576**, 171.
Watch Your Language, Sir! (anec) **619**, 1029.
What Is Modern Navigation? **406**, 1750. **409**, 401. **411**, 716.
What's In Dateline? (anec) **588**, 151.
Long, John D.: See: Paullin, C.O.: Half Century of Naval Administration **149**, 111.
Long, R.A.
and D.P. Wyckoff: Marine Corps Emblem, "The First Hundred Years..." **801**, 49.
Co-author: See: J.B. Hilliard.
Long, T.A., Jr.: Submarine Tactical Training (ProfNote) **818**, 105.
Long, W.H.: Public Relations and Peacetime Navy **514**, 1469.
Long, Wellington: Cruise of the U-53: **764**, 86.
Long Beach (U.S.)
See also: Cover Pictures; July 1959.
USS Long Beach (CGN-9) (Pict) **738**, 91.
Long cruise of Naval Academy ship models. H.F. Krafft **326**, 301.
Longino, J.C. **641**, 772.
Burden of Being Privileged (C&D) **750**, 118.
The Study Business **772**, 58. **777**, 110.
Long Island (U.S.): Lest We Forget. L.W. Batten III: **534**, 949.
Longitude
See also: Time and Longitude.
Effect Upon Longitude by a Change in the Latitude Used in Working a Time Sight. C.S. Sperry **14**, 392.
Long Lance torpedoes: See: Yutaka Yokota and J.D. Harrington: Kaiten—Japan's Human Torpedoes.
"...Long Live the Queen." A.D. Clift **782**, 34.
Longton, E.W.: "...Going, Going, Gone!" (C&D) **850**, 88.
Longwell, Burton: Retention—and Comradeship (C&D) **828**, 98.
Lonnon, L.W.: Use Discretion (anec) **833**, 55.
Lonnquest, T.C.: Aircraft Instruments **303**, 405.
Lonsdale, A.L.
Book Review **833**, 107.
"No Contest" on the Fishing Grounds **785**, 62. **789**, 115.
Loo, T.S.: How Happen I Were At Pearl Harbor (OldNav) **718**, 156.
Lookouts
Lookouts—Fleet's Forgotten Men. W.J. Miller **589**, 278.
A Proper Lookout. R.F. Farwell **389**, 934.
Why Lookouts. G.W. Dyson **517**, 385.
Loomis, A.F. **359**, 109. **360**, 270.
Are There Any Sailors in the Navy? **355**, 1267. **357**, 1688. **358**, 1795, 1844.
Lure of the Sea (SecNotes) **355**, 1392.
Sailors in the Navy (Pict) **708**, 88.
Loomis, R.T.: White House Telephone and Crisis Management **802**, 63.
Loomis Cooling System: Description **194**, 668.
Lopez, C.U.: Davis Porter: Pioneer Pacific Strategist (C&D) **772**, 105.
Lopez, Narcisco: See: Feipel, L.N. **182**, 767. **183**, 1009.
Loran
Loran Comes of Age. Arthur P. Miller, Jr. **629**, 764.
Loran Stations—Leadership Laboratories (ProfNote). J.F. Meade **756**, 126.
New Coast Guard Loran Network (Nbk) **762**, 158.
Lord, J.M.: The Naval Officer as Educator **869**, 44.
Lord, Stanley: See: Lord of the Californian.
Lord, Walter: Lord of the Californian (C&D) **786**, 112.
Lord Nelson (HMS)
Description **128**, 1331.
Launched, description **119**, 1131.
Lord of the Californian. J.C. Carrothers **781**, 58. **784**, 110. **786**, 111, 112.
Defensible Frontier **346**, 1707.
Loree, P.J.: Flags of Whose Convenience? (Clark) (C&D) **796**, 101.
Lorelli, J.A.
Navy and Change in Modern America (C&D) **847**, 86.
The Silent Vote **824**, 92.
Lorentz, E.H.: "Internal Guidance" in the Bundeswehr—A Modern System of Human Resources Management (ProfNote) **869**, 100.
Lorenz, L. **621**, 1282.
Bicentennial of John Paul Jones **533**, 767.
Loring, B.W.: The Monitor Weehawken in the Rebellion **37**, 111.
Lorraine (Fr) **331**, 857.
Launched **148**, 1730.
Lorton (SS): The Lorton Case **176**, 2307.
Los Angeles, California
Currents in Los Angeles Harbor and Vicinity. H. Leypoldt **435**, 685. **440**, 1481.
Earthquake Risk in Los Angeles-Long Beach Harbor. H. Leypoldt **490**, 1589.
Los Angeles (U.S. airship) **384**, 238.
Los Jardines (E.D.) G.S. Bryan **446**, 520. **448**, 867.
Losses: Major Fleet Units Lost During World War II. V.J. Miller **683**, 90. **689**, 96.
Lost Sheep Syndrome: Lost Sheep: Our Navy in the World of Good Intentions (ProfNote). R.L. Schreadley **852**, 110. **857**, 85, 87.
Lost, Strayed, or Stolen—Four Gunboats. G. Howell **326**, 281.
Lothringen (German) **336**, 256. **350**, 617. **352**, 926. **353**, 1075. **358**, 1829.
Launched; description **111**, 633.
Lothrop, C.L.
A Battery Officer's Suggestion **156**, 513.
U.S. Naval Proving Grounds, (illus) **195**, 779.
Lothrop, L. **436**, 889.
Royal Canadian Navy **475**, 1239.
Selection by Merit **402**, 1112.
Lott, A.S. **683**, 112. **688**, 123. **692**, 117. **697**, 120.
Bargain Counter (anec) **598**, 1347.
Fire Three! (anec) **582**, 797.
For Valor (anec) **584**, 1067.
Good Work—If You Can Do It! (anec) **616**, 657.
Japan's Nightmare—Mine Blockade **681**, 39.
Joint Operations (anec) **660**, 56.
Mistaken Identity (anec) **593**, 739.
Old Cannonballs Shoot Good (anec) **693**, 89.
What, No Liberty? (anec) **583**, 941.
Lott, D.N.: New Approach to Collision Prevention **527**, 55. **530**, 453. **531**, 585.
Lott, R.A.: Next Time, Don't Miss (anec) **700**, 69.
Louchheim, W.S., Jr.: Modern Destroyer Bridge Design (C&D) **787**, 102.
Loucks, C.E. **688**, 122.
Loughlin, C.E.
Let Pass Safely the Awa Maru. R.T. Speer **854**, 69. **857**, 88. **861**, 94.
Too Much Accuracy. R.G. Voge **565**, 257. **567**, 557.

Loughlin, Elliott: Trees, Yes--But Where's the Forest? (anec) **683**, 138.
Louis, M.A. **702**, 105.
Louis (HMS): Loss of the Torpedo Boat Louis **161**, 316.
Louisburg, Siege and Capture of. W.C. Tyler **347**, 81.
Louisiana: New Orleans **337**, 293.
Louisiana (USS)
Cost of Construction **121**, 417.
Struck by Shell Through Accident **185**, 1669.
Louisville (USS) **330**, 752. **337**, 399. **341**, 970.
Loukine, A.: Submarine Mine-Layer Krab **372**, 197.
Love, J.B. **642**, 875.
Lovejoy, G.B. **710**, 112.
Lovekin, R.E., Jr.: M'cooter (anec) **573**, 1211.
Lovell, H.: Ship Hydrodynamics Laboratory (ProfNote) **683**, 136.
Lovette, L.P. **471**, 708.
First Line Strengthens Pan-American Policy **442**, 1687.
Naval Policy At Crossroads **326**, 269.
Pampanga Case, China Patrol **263**, 76.
United States Looks to Her Future on Sea **452**, 1383.
What Price Victory? **378**, 1073.
Why Should Naval Officer Study American Foreign Policy? **327**, 426.
Lovig, Lawrence, Jr.: Command of the Navy Supply System (C&D) **755**, 119.
Lovky (Rus. destroyer): Sinks Submarine **175**, 2129.
Low, F.S. **218**, 568.
Fitness Report Gems (anec) **659**, 30.
Low, J.L. **716**, 108.
Naval Air Reconnaissance (Wise) (C&D) **821**, 97.
Low, R.A. **580**, 657.
Low, R.D.: New Soviet Warships: Are They of Superior Design? (C&D) **853**, 96.
Low, Theodore H.: Plea for adoption in the naval service of revised infantry drill regulations of U.S. Army. **113**, 165.
Lowance, W.F.: Bird, Beast, or Fish? (anec) **651**, 514.
Lowdermilk, W.C. **305**, 598.
Lowe, G.E. **709**, 108. **715**, 106. **722**, 117. **767**, 97.
Balanced Forces or Counterforce **710**, 23.
Book Review **734**, 117.
Case for the Oceanic Strategy **784**, 26. **788**, 110.
Damage Limitation: A New Strategic Panacea? **748**, 38. **752**, 110, 111, 112. **756**, 108.
Deterrence--the Next 20 Years **705**, 51.
Genesis of America's Oceanic Power **737**, 26. **742**, 112.
Navy's Politico-Military Program (C&D) **738**, 117.
Neither Humiliation Nor Holocaust **724**, 56.
The Only Option? **818**, 18. **825**, 86. **826**, 88.
Specter of a "Man on Horseback" **731**, 26.
Vietnams and Munichs **764**, 62.
Lowe, R.L. **483**, 723. **496**, 705. **503**, 86. **505**, 327. **510**, 956. **517**, 447.
Lowe, T.S.C.: First Above Battle Smoke. H.S. Mazet **616**, 655.
Lowe, Thaddeus Sobieski: Aeronaut--Mk. 1 (OldNav). G.E. Fant **832**, 90.
Lowentrout, J.L.: Ship's Personnel Allowance and Complement (ProfNote) **680**, 126.
Lowes, R.C., Jr.: Corn Belt Navy **434**, 513.
Lowestoft: German Raid on. **163**, 1037.
Lowry, F.J.: Naval Side of Anzio Invasion **611**, 23.
Lowry, G.M. **705**, 116. **707**, 115. **724**, 118. **770**, 110. **777**, 111.
Clipperton Operation (OldNav) **708**, 170.
Exploit of U-53 (OldNav) **698**, 158.
Loyall, J.A.: Touchy Relationship (anec) **689**, 145.
Loyalty
Birds of Ebony. G.R. Clark **297**, 1185.
Is Fleet Strategically Concentrated? F.M. Perkins **237**, 1892.
Loyal Initiative. R.A. Theobald **275**, 1.
Loyalty
Clark, G.R. **156**, 429.
Jackson, R.H. **220**, 877.
Thornton, W.N. **386**, 475. **464**, 1437.
Morale. A.G. Small **233**, 1149.
Naval Mirrors. R.P. Guiler **255**, 699.
Oath of Allegiance. T.H. Reese **751**, 52.
Philosophy of Loyalty. F.B. Upham **343**, 1157.
Principles of Command. L.H. Chandler **228**, 233.
LST-19 (U.S.): Kiska Dry-Run. C.M. Blackford, III: **769**, 56.
L.T.A., Something's Doing in. George Cornelius **659**, 39.
Lubeck (German cruiser)
Launched; description **110**, 436.
Turbines Adopted for Propulsion **116**, 990.
Lubrafol (Belg.): U-Boats Off Our Coasts (C&D). P.E.R. Scarceriaux **756**, 109.
Lubrication **230**, 672. **241**, 501. **269**, 1285. **274**, 2405.
Forced Lubrication for Turbines **173**, 1519.
Liberty Aero Oil **188**, 2422.
Oil Leakage in Electrical Machinery **169**, 596.
Oils for Turbines **154**, 1823.
Properties of Oils and Their Relation to Lubrication. G.B. Upton **186**, 1884.
Selecting Lubricating Oils for Navy Use. J.G. O'Neill **272**, 2004.
Substitute Lubricants **198**, 1421.
Luby, E.M.: Morale--an Objective of Leadership **673**, 62.
Luby, J.F.: In re amalgamation, line and engineers **125**, 331.
Lucas, Jonathan: The Navy Needs More Sailors (Bonds) (C&D) **881**, 77.
Luce, S.B. **260**, 1615. **262**, 2010. **330**, 776. **605**, 815.
Address of welcome at Naval War College, June 1903: **107**, 537.
Admiral Luce's Pontiac. J.D. Hayes **648**, 159.
Ancient Naval Warfare **72**, 721.
Annual Address, 1888: **44**, 1.
As to Navy Yards and their Defense **76**, 679.
Board of Navy Commissioners **140**, 1112.
Christian ethics an element of military education **120**, 1367.
Commodore Biddle's visit to Japan in 1846: **114**, 555.
The Dawn of Naval History **87**, 441.
Department of the Navy **113**, 81.
Fleets of the World **3**, 5.
Letter to R.W. Neeser regarding the America **127**, 1049.
Luce's Seamanship **427**, 1390. **428**, 1541. **443**, 151.
The Manning of our Navy and Mercantile Marine **1**, 17.
Naval Administration **46**, 561. **104**, 839. **108**, 809. Discussion: **47**, 725.
Naval Strategy **129**, 93.
Naval Training **133**, 103. Discussion: **54**, 367.
Naval Warfare as a Science **39**, 527.
Our Future Navy **51**, 541.
Portrait **175**, 1935.
A Powerful Navy Not Dangerous to Civil Liberty **119**, 1069.
The relations between U.S. Naval War College and line officers of the U.S. Navy **139**, 785.
Stephen B. Luce: An Appreciation. B.A. Fiske **175**, 1935.
Study of Naval History: Grand Tactics **41**, 175.
True relations between department of the navy and the Naval War College **137**, 83.
The U.S. Naval War College **134**, 559. **135**, 683.
The Venetian Fleet of 1365: Orders and Signals **71**, 541.
War and Its Prevention **111**, 611.
War Schools **27**, 633.
Lucia (SS): Sunk **190**, 2859.
Lucier, R.O. **548**, 1297.
Marking of Enlisted Men **406**, 1689. **411**, 708. **414**, 1165.
Luckel, F. **237**, 1943. **252**, 256. **261**, 1859. **318**, 714. **333**, 1030. **370**, 1784.
The Bank **360**, 204.
Ice Seamanship **239**, 91.
Philippine Insurrection **421**, 363.
Public Speaking **398**, 537.
Trans-Pacific Communication **213**, 1803.
Luckenbach, E.F., Jr., and Albert Grossman: Permanent Crisis of Soviet Communism **635**, 33.
Luckenbach (USS) **406**, 1685.
Luckenbach, J.L. (SS): Encounter with U.Boat **180**, 433.
Luckett, G.R.: Salute á la Zanzibar (anec) **564**, 141.
Luckner, F., Graf von: Sextant **428**, 1439.
Luckton, Al, Jr.: Watch That Pole Star (anec) **762**, 69.
Ludwig, O.: Fair Weather Destroyers (anec) **616**, 619.
Luehring, Davidson: The Never-Never Sea (ProfNote) **798**, 142. **808**, 110.
Lugowski, V.J.: United States Merchant Marine Academy (Pict) **569**, 781.
Luigi Cadorna (RIN) **346**, 1717.
Luisa (SS): Torpedoed **185**, 1659.
Lukacs, J.A. **624**, 213. **639**, 543.
Inter-Service Dispute Viewed With European Eyes **573**, 1237.
Meaning of Naval Prestige **634**, 1351.
Ten Misconceptions of Anti-Communism **675**, 64.
Lukin, A.P.: Secrets of Mine Warfare **447**, 642.
Lull, E.W.: Mysterious PG Selection Process **782**, 41. **787**, 106.
Lumpkin, H.H. **550**, 1566. **560**, 1184. **578**, 432. **680**, 113.
Lumpkin, Pickett **691**, 121. **693**, 117.
Lunar Observation
Decline of the lunar distance for the determination of time and longitude at sea. G.W. Littlehales **130**, 620.
Lunar observation without distance tables. H.B. Goodwin **128**, 1261.
The Moon in Navigation. H.G. Sparrow **177**, 2553.
Lunar Surface and Its Temperature **39**, 647.
Lund, A.D.C.: Age of Numbers (anec) **734**, 47.
Lund, H.R., and W.D. Chapman: Sheep in Wolf's Clothing **694**, 67. **698**, 98, 100, 101.
Lunde, J.P.: Gargantuan Tankers: Privileged or Burdened? (Oliver) (C&D) **817**, 90.
Lundeberg, P.K. **642**, 852. **665**, 118. **724**, 124.
Book Review **771**, 133.
German Naval Literature of World War II, a Bibliographical Survey **635**, 95.
Lundeen, J.A.: Joint Army and Navy, 1902: **105**, 225.
Lung Training at Submarine School. H.F.

Lung Training (Cont.)
Cope 357, 1610.
Lunsford, E.P., Jr.: Our Merchant Mariners and Their Unions (Nav-Rev) 867, 66.
Lurline (SS) 355, 1379. 356, 1530. 381, 1651.
Lusar, R.: Red Fleet Is Being Built Up 611, 57.
Lusitania (SS) 202, 2076.
See also: European War--1914-1914--Diplomatic History.
Description 118, 730.
Further description 124, 1553.
The Lusitania Finding 159, 1669.
Lusitania Negotiations 157, 989. 158, 1345. 159, 1714.
The Lusitania Suits 188, 2500.
Sunk By Submarine, May 7, 1915: 157, 988. 158, 1337.
Trials 33, 1626.
Lustie, A.O.
New Track to Orient 393, 1607.
Training Merchant Marine Personnel 391, 1255.
Lutton, T.C.: Search and Rescue: A New Dimension (ProfNote) 804, 114.
Lutton, Thomas: Radar Altimetry in Polar Regions (C&D) 796, 108.
Lutz, E.T.: Arm the AGRs? (Erwin) (C&D) 795, 106.
Lutz, T.A.: High-Low (Zumwalt) (C&D) 890, 83.
Lützow (SMS) 283, 1830.
Sinking of the Lutzow 171, 998.
Luzon (USS) 333, 1056. 334, 1159.
Lyddite
Heavy Guns in the Field in South Africa. Lt. Col. Inglefield 107, 766.
Lyddite Tests on the Submarine A-1 (1911): 138, 653.
Lyden, J.R.: Cover Painting--SS U.S. Explorer (C&D) 823, 92.
Lyle, H.K.: Relativity 229, 395.
Lyman, C.H.: Spell It Right (anec) 801, 73.
Lyman, J. 598, 1367. 627, 585. 641, 766. 642, 883. 643, 1005. 653, 781. 669, 109. 689, 99. 709, 104.
Centennial of Pressure-Pattern Navigation 541, 309. 544, 759.
Columbus Landed on Caicos (Verhoog) (C&D) 627, 585.
Sailing Ship Is Not Yet Extinct 484, 852.
Lyman, J.R.: Saga of Drydock One (Buell) (C&D) 816, 86.
Lyman, M.H., III: Analysis of Navigation Practices in the U.S. Navy 750, 62.
Lynch, Charles McK: Comparison between American and British landing forces ashore... 138, 419.
Lynch, F.C.: Admiral Lord Cochrane, A Hero for Today's Professionals 864, 63. 869, 79.
Lynch, Frank: United States Navy for the Future (Smith) (C&D) 820, 87.
Lynch, J.B.: Notes on U.S. Naval Reserve Aviation 434, 473.
Lynch, R.B. 688, 108.
Lynch, R.E.: Case for the Utility Helicopter (C&D) 858, 83.
Lynch, W.F. 283, 1689. 355, 1333.
Lyndon, Edward: Care and management of storage batteries 110, 476.
Lyness, A.A., Jr.: Just a Small Problem (anec) 635, 61.
Lyness, D.H.: Industrial College of the Armed Forces (ProfNote) 743, 131.
Lynn, Joseph 704, 117.
Naval Aircraft in the Next Decade (De La Mater) (C&D) 859, 90.
Lynn, R.H.: Discipline in the Naval Reserve (C&D) 761, 116.
Lynx (HMS)
Description; trials 150, 522.
Sunk by Mine 159, 1728.
Lynx (U.S.) 377, 950.
Lyon, H.B. 635, 90.
Lyon, H.N. 446, 569.
Plan For All Seasons 797, 35. 802, 108, 109. 803, 100, 101, 102.
This Insurance Question 569, 774.
Lyon, H.W.: Our Rifled Ordnance 11, 1.
Lyon, V.T.: Heights of Profanity (anec) 653, 752.
Lyons, R.T. 714, 121.
Lyons, T.W.
"AcDuTra:" A Reserve's Judgment (C&D) 775, 118.
Book Review 810, 111.
Retention: The High Cost of Leaving (Fredland) (C&D) 810, 108.
What Shall We Wear? (Schulze) (C&D) 806, 95.
Lysander (HMS): Description 149, 215.
Lytle, M.H.: Replenishing the Nuclear Navy 680, 56.

M

McAdam, D.J. 238, 2223.
McAdoo, W.
Naval War College. Opening Address, 1896: 78, 429.
The Navy and the Nation 70, 399.
McAlevy, J.H.: Joint Staff Duty (C&D) 777, 106.
McAllister, B.P.: U.S. Effective Control Fleet (Emery) (C&D) 808, 110.
McAllister, C.A.: Shipbuilding Prospects 348, 315.
McAlpine, W.J.: The most suitable metal for heavy guns 41, 141.
MacAlvanah, Robert: Ship Tonnages (ProfNote) 721, 132.
McArdle, H.R.: Oersteds on the Laminated Shell (ProfNote) 659, 120.
MacArthur, Douglas: Duty, Honor, Country 892, 97.
Macarthur, W.
Last Ships Through Golden Gate 396, 186.
Voyage of Sacramento 378, 1061.
MacArthur's Amphibious Navy (Pict) 799, 88.
Macassar Merry-Go-Round. W.P. Mack 483, 669.
Macatter, Thomas: See: Malo, H.: American Privateers 139, 933.
Macaulay, W.S. 359, 105.
McAuley, D.J.
Moonlighting Toward a Master's (Goad) (C&D) 793, 109.
What Shall We Wear? (Schulze) (C&D) 813, 88.
McCauley, Brian: Mine Countermeasures: Who's Fooling Whom? (McCoy) (C&D) 874, 80.
Macauley, Edward 642, 886.
McAuley, J.E.: Navy's Role in International Affairs 575, 15. 584, 1104.
Macbain, Merle 697, 122. 715, 117. 720, 126.
Book Review 738, 127.
McBride, M.A.: Image of Command (Edwards) (C&D) 824, 95.
MacBride, R.O.: (BkRev) 755, 126.
McCabe, R.E.: Destroyer Command: Critical ASW Subsystem (C&D) 745, 108.
McCabe, William G.: Letter of New York Sun regarding duel between midshipman J.P. Jones and James Hope 133, 265.
McCain, J.R.
Accuracy Is a Reporter's First Duty (anec) 734, 69.
Good Joke (anec) 686, 97.
McCain, J.S., Jr.
Amphibious Warfare During the Next Decade 719, 105.
Personnel Survey 239, 19.
Service Since Graduation vs. Age in Grade 267, 737.
Staff Equalization Bill 253, 417.
Three Jacks (Nbk) 838, 115.
Where Do We Go From Here? 551, 47. 558, 941.
McCain, J.W., Jr.: Beach Patrol and Great Tradition 499, 1123.
McCalla (U.S.): Solomons Battle Log. G.B. Weems 714, 81.
McCandish, B.N.
A khaki uniform needed for the blue-jacket landing force 146, 597.
Services rendered mariners by the naval communication service 170, 705.
McCandless, Bruce 649, 332. 656, 1127. 657, 1239. 633, 1276. 641, 763. 664, 106. 665, 122. 672, 122. 673, 102. 683, 116. 713, 119, 128. 723, 120. 769, 115. 851, 75.
Battle of the Pips 660, 49. 665, 108.
Big Game Hunt (anec) 637, 301.
Hands Across the Sea (OldNav) 647, 122.
Howell Automobile Torpedo (OldNav) 764, 174.
If Not Sooner (anec) 646, 1341.
Incident in the Nanpo Shoto 845, 67. 851, 75.
Naval Institute's Mission (C&D) 748, 117.
Navy of 1845 (OldNav) 744, 166.
Navy Spirit, Old Style (anec) 645, 1173.
Saga of a Seagull 651, 515.
St. Elmo's Fire (ProfNote) 648, 229.
San Francisco Story 669, 35.
Sermon From the Mount (anec) 633, 1249.
Should Auld Acquaintance Be Forgot (anec) 657, 1195.
'T Aint So (anec) 673, 35.
McCandless, Byron: Harbor of St. Thomas (illus) 165, 1619.
McCandlish, B.F. 329, 643.
McCann W.P.: Report of Policy Board 53, 201.
MacCart, R.D. 394, 1858.
McCartan, E.F. 587, 89. 671, 110. 676, 104, 105.
Signalman, Junior Officer of Watch, and Radio Telephone (ProfNote) 651, 568.
McCarteney, C.M.
Collisions at Sea (Tr.) 49, 233.
Results of the Bombardment of Alexandria... 22, 560.
McCarthy, J.C., Jr.: Against All Enemies (Hanks) (C&D) 814, 80.
McCarthy, J.P.C. 552, 235. 555, 596.
McCarthy, Stephen: The Boatswain's Calls (illus) 147, 1009.
McCartin, E.F. 322, 1096.
and A.M. Bledsoe: Administration of Enlisted Personnel 415, 1272.
Fried Egg and Baked Sardine 421, 326.
McCarty, L.C.: Proteus--Polaris Pioneer (NewNav) 755, 166.
McCarty, W.P. 475, 1309. 476, 1461. 480, 257. 485, 997.
McCaughey, W.H.
Hot Spot in a Cold War (anec) 673, 147.
The Real McCoy? (anec) 663, 65.
McCauley, Brian: Operation End Sweep 853, 18. 857, 88.
McCauley, Edward, Jr.: On American Naval Policy 114, 475.
McClane, J.L., Jr. 659, 91.
The Specialized Character of NATO 890, 18. 895, 90.
McClarrinon, R.S.: Portrait of Fleet Admiral Ernest J. King (Cover) (C&D) 795, 115.
McCleave, R.E., Jr. 720, 116.
McClellan, C.H.: Lifeboats for U.S. Lifesaving Service 93, 216.
McClellan, E.N. 269, 1243. 276, 326.

377, 1000. 382, 1763.
American Marines in the Revolution 244, 957.
Breach of Executive, Not of Judicial 275, 95.
Honi Heke's War 270, 1459.
How Marine Band Started 242, 581.
Murder 275, 95.
Navy At Battle of New Orleans 262, 2041.
Navy At Battles of Trenton and Princeton 249, 1848.
Operations in Dominican Republic 216, 235.
Same Man Secretary of War and Navy 362, 534.
Supervising Nicaraguan Elections (1928) 359, 33.
Will History Repeat 240, 249.
McClellan, John: Joint Army and Navy Maneuvers (1902): 105, 227.
McClellan, T.R.: Aircraft Pipeline, the Tail That Wags the Dog 777, 62.
McClench, Donald 588, 207. 600, 215. 618, 938. 676, 116. 688, 126.
Navigational Aspects of the [Honda Point] Disaster 647, 47.
The New Bowditch (ProfNote) 634, 1393.
McClench, D., and G.W.D. Waller: Current and Running Fix 510, 941.
McClendon, F.O., Jr.: Doctors and Dentists, Nurses and Corpsmen in Vietnam (NavRev) 807, 276.
McClintic, W.S.: Engineering Officer Personnel Problem 223, 1355.
McClintock, R.M.
American Foreign Policy and Naval Power 436, 791.
Atlantic Alliance 558, 857.
End of Ex-USS Memphis 427, 1273.
United Nations and Naval Power 532, 637.
Will Adams, Seaman and Samurai 395, 49.
McClintock, Robert 627, 583. 727, 96.
American Landing in Lebanon 716, 65.
American Oceanic Doctrine 804, 46.
Latin America and Naval Power 752, 30.
River War in Indochina 622, 1303.
McCloskey, D.T.: Safety Reminder (anec) 699, 68.
McCloskey, R.G. 617, 819.
McClung, E.R.: Weir's Azimuth Diagram 180, 249.
McClusky, C.W. 866, 3, 64.
McCollum, A.H. 611, 100.
[DeWeese's] Book Review of The Fall of Japan (Craig) (C&D) 792, 117.
McCombie, A.M.G.: Tomorrow's Warships: Their Cost and Value (Schofield) (C&D) 829, 108.
McConnell, J.H.
Admonition (anec) 551, 11.
Colonel's Sandwich (anec) 548, 1245.
Start of Pilgrimage (anec) 546, 955.
Thunder Through Years (anec) 556, 675.
McCorkle, F.D.: Japanese Sword 598, 1354.
McCormick, C.M.
McCormick's Navigating Protractor 102, 243.
On School of the Officer 103, 603.
Performance Curves of War Vessels 65, 122.
McCormick, G.W. 427, 1338.
McCormick, H.A.: Japanese Merchant Marine History 401, 1007.
McCormick, Mrs. L. 583, 995.
McCoy, F.R. 350, 610. 353, 1079.
McCoy, J.M.: Mine Countermeasures: Who's Fooling Whom? 869, 39. 874, 80. 880, 80.
McCoy, R.S.: Career Officer as Existential Hero (Deininger) (C&D) 820, 93.
McCracken, A.R. 317, 656. 372, 259. 414, 1170. 553, 360.
Book-Learnin' Leadership 400, 790.
Canton Flower Boat 590, 369.
Church Pennant 330, 717.
Compleat Naval Officer 443, 22.
Prodigal Son 543, 573.
Propaganda de Luxe 548, 1235. 553, 355.
Quotable Principles of War 394, 1826.
Sealubbers 324, 132.
Selection and Use of Binoculars 270, 1446.
Ship-Model Building as Naval Officer's Hobby 377, 974, 985. 382, 1753.
Signaling in British Navy 347, 45.
Strictly Private Thoughts on Naval Publicity 385, 381. 390, 1158.
Universal Signal Book, 1818: 372, 230.
When Is an Order? 556, 653.
McCracken, H.E., Jr.: Japan's View of Korea 828, 41.
McCracken, R.L.: Day the Navy Caught a Zero (Underbrink) (C&D) 791, 105.
McCrackin, A.
Desertion and the Bertillon system for Identification of Persons 54, 361.
The Turning Circle 33, 265.
McCrea, C.L.: How the navy designed and built the world's heaviest field piece (illus) 197, 1159.
McCrea, G.H. 684, 103.
McCrea, R.C.: International Competition in Argentine Trade 342, 1131.
McCready, L.S. 606, 900. 704, 115. 707, 168.
McCrory, S.J., and N.J. Kotite: The Sexually-Integrated Warship (Burnett) (C&D) 893, 83.
McCuistion, G.K.: Gibraltar: Monument to Seapower (Weller) (C&D) 840, 94.
McCully, N.A., Jr.: See: Our Russian War of 1918-1919.
McCune, J.D.: Fast Enough (anec) 820, 53.
McCurdy, J.W.
Black Wake of the Torrey Canyon (C&D) 782, 100.
Emancipated, Aggravated, Indispensable American Seaman 795, 58.
Flagging the Unsafe Liberian Flag Ships (ProfNote) 892, 102.
The Marine Surveyor 874, 34.
McCutcheon, J.T.: Battle of Manila Bay 448, 843.
McCutcheon, K.B.: Marine Aviation in Vietnam, 1962-1970 (NavRev) 819, 122.
McDaniel, E.F.: Texas Orders Cease Fire (anec) 642, 851.
McDaniel, I.B.: Industrial Accident Prevention 344, 1313.
McDaniel, W.H.: Unusual Casualty Report (anec) 682, 34.
McDavitt, F.H.: Navy Standard Officer of the Deck Qualification Program (ProfNote) 839, 112.
McDevitt, M.A.: Navies in War and in Peace (Gorshkov, Part 1) (C&D) 856, 97.
MacDonald, A.J.: Retirees--the Forgotten Men (Beard) (C&D) 849, 91.
MacDonald, D.J. (BkRev) 871, 89.
McDonald, D.L.
Art, Science, and Innocence Involved in Becoming CNO. J.H. Horrocks, Jr. 803, 18. 808, 104. 810, 101.
Carrier Employment Since 1950: 741, 26. 757, 120, 122.
Commentary on Gorshkov Article (Part 10) 860, 64.
McDonald, E.: Southern Cruiser by Two Navy Icebreakers 550, 1491. 555, 590.
McDonald, E.A.
Bellingshausen Sea Operation (Pict) 691, 97.
Icebreakers South 702, 58.
Message for the Captain (anec) 759, 77.
Our Icebreakers Are Not Good Enough 756, 60. 761, 122. 764, 128.
There Goes the Mad Scientist (anec) 782, 79.
Weddell Sea--Voyage to Nowhere 658, 1228.
McDonald, J.J. 883, 86.
Extra Hazard (anec) 582, 867.
MacDonald, J.Q. 700, 96.
McDonald, Kenneth: Canada's Diminishing Armed Forces (Kapstein) (C&D) 877, 120.
McDonald, L.H. 402, 1180. 447, 723.
MacDonald, R. 320, 897. 321, 1005.
MacDonald, Scot
Charting of an Unknown Land: the Antarctic Continent 705, 32. 708, 120.
Northwest Passage 718, 49. 726, 107.
Tailhook Navy (Pict) 723, 94.
McDonnell, J.R.
Sing Out--Mark Twain (anec) 785, 37.
Two Rights Make a Wrong (anec) 801, 73.
Macdonough, Thomas
See: Cover Pictures--December 1954.
A Forgotten Commodore. L. Hunt 345, 1485.
Life of Commodore Thomas Macdonough 697, 115.
Macdonough (USS) 346, 1715.
McDougal, D. 477, 1544.
McDougal, D.C.: Correct form, and position and aiming drills (illus) 154, 1755.
McDougal, D.S. 356, 1464.
McDougal, David: At Shimonoseki in the Wyoming, 1863. In Hansard, A.C.: Early Days in Japan 137, 151. 138, 620.
McDougal, W. 302, 257.
McDougal (USS) 258, 1344.
Illustration 162, 349.
McDougall, Walter: The AMVER System (ProfNote) 877, 106.
McDowell, C.S. 270, 1494. 272, 1961. 315, 471.
Acoustic Aids to Navigation 204, 231.
Model Making (illus) 200, 1743.
Naval Research 196, 895.
Naval Research Reserve 309, 976.
McDowell, W.R.: "Prime" Example (ProfNote) 795, 130.
McEathron, E.D.: Selection of Strikers 375, 655.
McEathron, E.E. 677, 105.
McElduff, D.A.: Wardroom of USS Tuscaloosa 389, 944. 394, 1843.
McEligot, D.M. 690, 115.
Moonlighting Toward a Master's (Goad) (C&D) 791, 102.
McElroy, J.W. 621, 1271. 624, 215. 644, 1109. 671, 112.
McEntee, William
Meaning and use of entropy 127, 1031.
On "Amalgamation, a Failure?" 117, 315.
McEwen, G.F.: Water Cycle Between Ocean, Atmosphere, and Land 401, 956.
McEwen, W.H. 318, 709.
McFall, A.C. 326, 362. 393, 1702. 416, 1486.
McFall, A.D.: Farewell to "Spads" 746, 54. 750, 110, 111. 754, 115, 117.
MacFall, R.C. 299, 77. 302, 339. 435, 732. 443, 104.
Macfarland, W.C., and J.W. Kinnear III: Mechanical Great Circle Course Computer 588, 185. 594, 906.
McFarland, W.M. 298, 1349.
Electricity in the Navy 103, 702.
McFarlane, R.C.: At Sea--Where We Belong 825, 36.
McFee, W. 604, 686. 613, 344.
McLintock's Calculated Risk 671, 38.

McFee, W. (Cont.)
McClintock's Calculated Risk (Cont.) **676**, 107.
McGarry, J.G.
Biological-Chemical Warfare Challenge (C&D) **754**, 117.
Navy—A Retention Gap (C&D) **792**, 105. **797**, 113. **798**, 114. **800**, 113. **804**, 90. **805**, 92.
MacGee, E.E.: Expert Navigation (anec) **665**, 51.
McGehee, J.L.
Indomitable Seabees (anec) **609**, 1217.
Large Object, Dead Ahead (anec) **611**, 21.
McGiffin, P.N.: Commander for China. R.O. Patterson **622**, 1366.
McGiffin, Philo V.: Philo McGiffin Lore **631**, 1051.
McGinley, E.S., II: Preventing the Preventable Accident **844**, 56.
McGivern, C.F.: Bush Navigation in the Solomon Islands **852**, 68.
McGlashan, R.C. **554**, 477. **557**, 831.
McGlone, J.E., III: Lost Corps: Confederate States Marines **837**, 68.
McGowan, Gordon **707**, 113. **711**, 118, 119.
Square-Rigger Still the Best Teacher? **698**, 42. **704**, 121.
McGowan, L.J.: Officer Education at Home and Abroad **327**, 634.
McGrath, T.D. **685**, 109. **688**, 108. **697**, 113. **702**, 110. **706**, 107. **708**, 109. **710**, 106. **722**, 121.
Antisubmarine Defense Group ALFA **578**, 49.
Engineering Duty Officers: The Dwindling Muster (C&D) **761**, 119.
Escort-of-Convoy, Still the Only Way (Bowling) (C&D) **808**, 111.
FADAP (C&D) **765**, 126.
Function of the Navy (Chase) (C&D) **805**, 93.
General Prize Essay Contest (C&D) **737**, 102.
National Insurance Policy. ASW Coverage **783**, 46. **789**, 113. C&D: **793**, 108.
Russian Mines on the Danube (C&D) **754**, 118.
Submarine Defense **701**, 37. **706**, 108.
Submarine's Long Shadow (C&D) **760**, 117.
Supplies for the Atomic Fleet (ProfNote) **656**, 1129.
MacGregor, R.A. (joint author): See: Beito, E.A.
McGuigan, J.L. **219**, 731.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **748**, 117.
McGuinness, J.L.
Three Deuces **523**, 1157.
Will We Learn Value of Sea Power? **510**, 945.
McGuire, H.D.
American Inventor of Reflecting Quadrant **450**, 1140.
Ball Bearings **196**, 973.
Navigational Antecedents **363**, 705, 783.
McGuire, M.C.
Carrier Curiosities (Pict) (C&D) **856**, 90.
Last Days of Peace in Pearl Harbor (Schmeider) (C&D) **833**, 104.
McHale, M.J. **710**, 113.
McHaney, G.M.: Vietnam Rebuttal (C&D) **802**, 117.
MacHarg, J.B.: Story of Old Ironsides **344**, 1351.
MacHatton, R.P.
Blood Bottled for Defense **455**, 33. **459**, 756.
Evolution and Introduction of Chain Cables **445**, 361.
Hemp for Shipping Industry **480**, 213.
Heritage of Navy **473**, 967.
Prisoners' Parcels **485**, 973.
Red Cross at Masthead **452**, 1407.
200,000 Blood Donors for U.S. Forces **465**, 1604, 1615.
McHenry, H.D.: Kedging the Constitution **282**, 1496.
McHugh, F.J.: Gaming at the Naval War College **733**, 48.
McHugh, R.J.: Civilian Navy (C&D) **770**, 116.
McIlwraith, C.G. **727**, 103.
Mine as a Tool of Limited War (C&D) **772**, 103.
Operation End Sweep (McCauley) (C&D) **857**, 88.
McInerney, F.X. **444**, 258.
MacInnes, J.N. **664**, 103.
Gangway! (anec) **617**, 771.
McIntosh, C.D.
Mothball Fleet Is Obsolete (Heilenday) (C&D) **856**, 91.
Navies in War and in Peace (Gorshkov, Parts 1-6) (C&D) **859**, 87.
Next Time He Won't Forget (anec) **780**, 134.
Shipborne Radar (C&D) **779**, 101.
McIntosh, Charles
Because Their Consciences Tell Them So **896**, 42.
Retention: The Talk and the Deeds **823**, 58.
McIntosh, H.P. (Tr.)
Bernotti, Romeo. Fundamentals of Naval Tactics **139**, 877. **140**, 1299. **141**, 227. **142**, 677.
Vannutelli, L. Concerning the Tactical Employment of Torpedo-boats **136**, 1101.
McIntosh, J.M.: Visit to Lafitte **304**, 533.
McIntosh, K.C. **202**, 2061. **217**, 393. **224**, 1605. **245**, 1164. **371**, 97. **430**, 1846. **523**, 1221. **531**, 586. **591**, 555. **599**, 88. **600**, 202. **623**, 104. **631**, 1046.
Afterwards! **191**, 1.
Economics and Navy **298**, 1263.
Eventually, A House **563**, 39. **584**, 1105.
In Lacquer and Silk **251**, 77.
The Man's the Thing **156**, 405.
On opposition to sane sport in American colleges **200**, 1765.
Playing Safe with Books **375**, 614.
Putting 'em across **195**, 793.
Road Ahead **513**, 1283.
Salient Features of Maritime Law **333**, 991.
Ships and Shoes and Sealing Wax **552**, 135.
Supply Corps School **232**, 953.
Think Long and Hard! **637**, 255.
Training men for clerical and commissary rates **192**, 223.
U.S.C.N. **200**, 1699.
War Provisions for Guam **162**, 471.
What Is This Thing, Logistics? **575**, 21.
When I Was on USS Biftick **205**, 393.
Macintyre, Donald **779**, 101. **781**, 113.
John Longitude Harrison **742**, 74.
Point of No Return **732**, 36.
Shipborne Radar **775**, 70.
Three Aces--Trumped! **643**, 923.
Treasury of Early Submarines (C&D) **778**, 104.
McIntyre, M.H.: Naval Aircraft Investigation, 1924: **263**, 145.
McIntyre, R.L.: High-Low (Zumwalt) (C&D) **881**, 76.
McIsaacs, A.C.: Meridian Altitudes by H.O. 208: **385**, 384. **394**, 1847.
McIver, R.S.: Pioneers of Pacific **498**, 945.
McKay, D.
Famous Shipbuilder Acts as Peacemaker at Home and Abroad. R.C. McKay **440**, 1405.
Master Shipbuilder. E.S. Clark, Jr. **401**, 1019. **407**, 97.
Memorial **271**, 1818.
McKay, R.C.: Famous Shipbuilder Acts as Peacemaker at Home and Abroad **440**, 1405.
Mackay (Eng) **355**, 1372.
McKean, J.S.
How to meet the navy's greatest need **104**, 851.
On storekeeping at the navy yards **122**, 815.
War and policy **149**, 1.
McKean (USS): Launched **186**, 1861.
McKearney, T.J.: Backfire: Long Shadow on the Sea-Lanes (O'Neil) (C&D) **893**, 85.
McKee, Christopher **680**, 103. **697**, 115.
McKee, F.M. **667**, 107.
Long, Long Blast (anec) **675**, 79.
McKee, I.R.: Just What the Doctor Ordered (anec) **677**, 42.
McKee, Linda
Constitution Versus Guerriere **714**, 72.
Hull, Isaac (OldNav) **728**, 176.
McKeever, I. **270**, 1459.
McKenna, J.F.: Century of Foreign Languages in the Navy (C&D) **749**, 110.
McKenna, M.F.: United States Navy for the Future (Smith) (C&D) **826**, 93.
McKenna, R.M.: Post-War Chief Petty Officer: Closer Look **550**, 1481. **556**, 708. **558**, 942.
Mackenzie, A.S. **273**, 2062.
Mackenzie, F.F.: Let's Abolish Ensigns (C&D) **856**, 102. **861**, 96.
McKenzie, J.B.: Examination Passed (anec) **731**, 43.
McKenzie, S.W.: Ain't They Sumthin'? (anec) **861**, 53.
McKenzie, Scott: Ford Island (C&D) **744**, 117.
Mackenzie-Grieve, K. **477**, 1660.
McKeown, C.H. (co-author): See: Abe Greenberg.
McKernan, D.L.: Fishing Fleet and Fisheries of Peru (C&D) **736**, 116.
Mackesy, Piers (BkRev) **750**, 124.
McKiernan, P.L.: Tarawa: The Tide That Failed **708**, 38. **715**, 105, 106.
McKinley, H.M. **685**, 108.
McKinley, W. **370**, 1827.
McKinney, G.B.
Liberté, Egalité, Fraternité (anec) **662**, 59.
Noteworthy Award (anec) **690**, 78.
McKnight, R.S., Jr. (joint author): See: Sharp, A.
McLaren, Robert: The New Uniforms: Who Wants Them? (Adams) (C&D) **873**, 76.
Maclay, E.S. **594**, 908.
Another sea fight of the Revolution discovered (illus) **148**, 1461.
An Early Globe-Circling Cruise **134**, 481.
Exploits of Otway Burns, Privateersman and Statesman (Ports.) **163**, 873.
How Our Infant Navy Strangled a War Horror **202**, 2041.
New Details of the Randolph-Yarmouth Battle **173**, 1445.
New light on the "blood is thicker than water" episode **152**, 1085.
Our battleship practice cruise **166**, 1783.
Potency of Naval Biographies **138**, 541.
A sea view of our Revolution **137**, 219.
McLean, E.R., Jr. **454**, 1784. **458**, 555. **466**, 1769.
Airplane in International Law **405**, 1533. **409**, 399.
Armed Forces Staff College **594**, 833.
Caribbean--American Lake **461**, 947, 1062.
MacLean, M.: Snake Aboard (anec) **564**, 185.
McLean, M.C. (co-author): See: G.H. Miller.
McLean, R. **279**, 923.

Naval Communications **284**, 2029.
McLean, Ridley
Dispersion and Accuracy of Fire **144**, 1607.
Naval Profession **123**, 1282.
Permanence of the enlisted force of the navy **120**, 1251.
Promotion Present and Prospective **114**, 437.
Role of Doctrine in Naval Warfare **156**, 364.
Small-arm Training in the Navy **118**, 564.
McLean semi-automatic rifle **101**, 159.
McLeod, Archibald **642**, 878.
MacLeod, D.V.M.: Exercise Match Maker (ProfNote) **736**, 114. **755**, 139.
McLeod, J.B.: Naval Reserve Force Destroyers: The Second Team? (Carson) (C&D) **868**, 77.
McLintock, Gordon **675**, 116.
McLintock's Calculated Risk. William McFee **671**, 38. **676**, 107.
MacMahan, D.S. **371**, 114.
McManes, K.M. **452**, 1477. **456**, 254. **647**, 102.
McManus, T.F. **486**, 1119. **498**, 1024. **517**, 447.
McMaster, G.T.
Signal codes used by our revolutionary commanders for the convoy of merchantmen **143**, 1041.
Two pictures of Nelson's time **119**, 1077. **126**, 699.
Unwritten History of Original USS Monitor **100**, 725.
MacMichael, D.C.: Amateur Astronomer (anec) **671**, 67.
MacMichael, J.L.
Changes in Status of Ships (Finkelstein) (C&D) **876**, 83.
Civilians, Not Naval Officers, Should Supervise Ship Overhauls (C&D) **860**, 83.
Modern Destroyer Bridge Design (Scott) (C&D) **796**, 96.
Personnel Assignment--A View from the Fleet (ProfNote) **801**, 143.
MacMillan, Donald B.
See also: Crocker Land Expedition.
Photograph **175**, 1941.
Telegram reporting discovery of two new islands in Arctic Ocean (1917): **176**, 2379.
McMillen, F.E.
San Juan de Ulua under American Flag **402**, 1155. **432**, 252.
Some Haitian Recollections **398**, 522.
McMillian, I.E.
Battle for Attu--Proving Ground for Cold Weather Operations **556**, 663.
Development of Naval Gunfire Support of Amphibious Operations **539**, 1.
Gunfire Support Lessons Learned in World War II: **546**, 979.
Naval Officer as Speaker and Instructor **558**, 909.
One Last Look **545**, 862.
USS Newcomb (DD-586)--Victim of Kamikazes **544**, 683.
McMillin, J.H.: Language Barrier (anec) **659**, 44.
McMorris, C.H. **330**, 777. **334**, 1160. **340**, 858. **348**, 314.
Gyroscopic Stabilization **362**, 613. **363**, 779.
MacMullen, G.F.
Bennington Disaster (Strobel) (C&D) **799**, 106.
In Quest of the Bennington Bell (C&D) **794**, 111.
Semper Paratus--and Fourth Estate **414**, 1115.
This Business of Naming Ships **567**, 515. **573**, 1256. **579**, 537.
MacMullen, J.: Sailing School Ships of Japan **435**, 669.
McMullen, R.A., and N.A. Canzona:
Wolmi-Do: Turning the Key **637**, 291.
McMullin, B.M.: Modernizing Naval Courts-Martial **512**, 1207. **515**, 81.
McMunn, D.J.
Graduate Education--Continuing Imperative (Freeman) (C&D) **850**, 87.
Post-Vietnam Navy: the Rhetoric and the Realities (Holloway) **847**, 96.
McMurtrie, F.E. **535**, 1107. **544**, 763.
McNair, F.V. **602**, 439.
McNair, L.N. **360**, 270.
McNairn, J.C. **422**, 587.
America's Forgotten "Crockery" Fleet **466**, 1740.
Return of Eastern Fleet **471**, 751.
Steam Schooner Sagas **473**, 943.
McNally, B.: Levitation (anec) **856**, 70.
McNally, I.L. **665**, 108.
Book Review **772**, 118.
Shipborne Radar (C&D) **781**, 113.
McNally, J.M.: Make Yourself at Home (anec) **688**, 47.
McNamara, J.A.: CO_2 Substitute (anec) **644**, 1093.
McNamara, J.D.: Erosion of an Ethic (Dunwell) (C&D) **892**, 89.
McNamara, Robert S. (SecDef): Role of the Service Secretary in the National Security Organization. P.R. Schratz **871**, 18.
McNamee, L.
Aviation and Navy **250**, 2072.
Farmer and Merchant Marine **296**, 1062.
Keep Our Navy Strong **243**, 801.
Naval Intelligence **259**, 1443.
Present day problem of ship propulsion (1910): **135**, 747.
Types of Ships and Why **332**, 907.
McNeal, H.P.: How Navy Won Guantanamo Bay **604**, 615.
McNeely, J.S.: Deep Freeze Diary, 1968: **805**, 50.
McNeely, R.W.
Stability of smokeless powder **136**, 1147.
Tragic days of Vera Cruz: first published native account of the seizure of Vera Cruz by.... Rear Admiral Fletcher **151**, 741.
McNeil, J.F.: Camouflage Expert (anec) **670**, 67.
McNeill, Malcolm: Sumner line by time sight reduction **188**, 2351.
McNergney, R.P.: Midshipman Cruise Aboard USS Forrestal (ProfNote) **655**, 1023.
McNevin, M.T.: Atom-Age Navy **680**, 40.
McNitt, R.W.
First Watch **671**, 49.
Naval Postgraduate School, Sixty Years Young **808**, 68.
Submarine Navigator--Some of His Methods **555**, 567.
To Bermuda with Vamarie **430**, 1741. **431**, 97.
McNulty, E.J.
Effective Writing, Navy or Civilian (Blair) (C&D) **792**, 115.
European Strategy Re-evaluated **580**, 631.
How Much Oil? **588**, 137.
McNulty, J.F.
Mooring in One Thousand Fathoms **728**, 67.
Naval Destroyer School (ProfNote) **758**, 156.
Shiphandling Notes for Large Ships (C&D) **761**, 123.
Soviet Seapower, Ripple or Tidal Wave **809**, 18.
McNulty, R.R. **344**, 1402. **351**, 745. **362**, 575, 577. **625**, 333.
Merchant Marine Naval Reserve **314**, 335.
Merchant Marine Training Plan **329**, 648.
McOwen, W.C.: Short Lesson in Cost Consciousness (anec) **689**, 81.
McPadden, G.E. **701**, 99. **703**, 109.
War's Over, Mac--What's Your Hurry? (anec) **709**, 33.
McPhail, J.M.: As Big As Life (anec) **844**, 65.
McPherson, A.A.: In Defense of the Large Slow Target (Bower) (C&D) **812**, 89.
Macpherson, K.R.: Nice to Have Known You (anec) **674**, 103.
McPherson, O.H.M.: Navy's and Commercial Shipping **313**, 190.
McPike, H.H. **380**, 1429.
McQuillen, F.J. **480**, 258.
McRostie, R.J.: Leaky Roof (anec) **635**, 69.
McSherry, J.E.: Soviet Diplomacy From Stalin to Suez **658**, 1298.
McVey, C.B.: Firing Interval **97**, 71.
McVey, C.J. **729**, 101.
McWethy, R.D. **684**, 108. **723**, 128. **725**, 119.
Arctic Submarine **595**, 955.
A Cool Customer (anec) **795**, 85.
Disarmament Dilemma (ProfNote) **728**, 147.
Navy Sailing (ProfNote) **844**, 109.
Naval Sailing Programs (C&D) **799**, 112. **804**, 92. **810**, 101.
Significance of the Nautilus Polar Cruise **663**, 32.
McWhorter, E.D. **242**, 736.
MacWilliams, W.H.: Annie Daly--navy bumboat woman **336**, 178.
M-1 (HMS) **276**, 332.
M-1 (U.S. submarine). The M-1's Trials **160**, 2066.
M-2 (Eng) **352**, 923. **355**, 1371.
M'Konochie, Alexander: Considerations on the propriety of establishing a colony on one of the Sandwich islands (1816): **126**, 564.
Macedonian (U.S.)
Cruise of the Macedonian. R.E. Johnson **730**, 72.
Illustration **146**, 762.
Macedonian vs. United States: We Must Fight Her (OldNav) **841**, 90.
USS Macedonian and the Hurricane of 1818 (OldNav). L.D. Saegesser **803**, 88.
Machias Liberty, Captain Jeremiah O'Brien and (OldNav). M.D. Giambattista **804**, 85.
Machine Guns
Application of the Browning gun to airplanes **187**, 2162.
Automatic Guns. K.H. Young **200**, 1725.
Browning gun for aircraft **185**, 1612.
The Browning Guns **182**, 851.
Controversy over the merits of the Lewis machine gun **168**, 395.
Development of: Devil's Watering Pot. N.W. Emmott **835**, 68.
Ehrhardt Machine Gun (1914): **149**, 252.
Equipment for shooting between propeller blades by fluid pressure **196**, 1058.
Feeding the airman's machine gun **177**, 2634.
Firing between propeller blades **157**, 956.
The Gatling Gun
Gatling, R.J. **29**, 261.
Kimball, W.W. **18**, 405.
Importance of machine guns in modern warfare **176**, 2316.
Lewis air cooled machine gun; description, illustration **149**, 252.
Lewis automatic gun (1912): **143**, 1149.
Lewis machine gun **165**, 1669.
Lord Charles Beresford **22**, 585.
Machine gun tests at Plattsburg, 1916: **166**, 2003.
Puteaux machine gun (1910): **133**, 286.
Quick-firing gun for aircraft (1912): **142**, 783.
Report (1916) of the U.S. Machine

Machine Guns (Cont.)
Report (1916) of the U.S. Machine Rifle Board **166**, 2006.
Machinery maintenance engineering: Fleet Machinery Maintenance (ProfNote). J.E. Kaune **785**, 134.
Machinery, Warship **87**, 527.
Machine Shops: The Motor Drive. R.D. Gatewood (illus) **134**, 507.
Mach 3.6 weather rocket: Weatherman's New Tools Used by Navy Missile Range (ProfNote). P.C. Russell **790**, 136.
Mack, W.P. **671**, 114. **707**, 119.
and H.F. Rommel: NAPS Comes of Age **572**, 1107.
Assumption of Responsibility--Essence of Command **695**, 61. **699**, 125. **703**, 108.
Battle at Bali **484**, 825.
Battle of Java Sea **486**, 1052.
Destroyer Navy--Real Silent Service **489**, 1411.
Exercise of Broad Command--Navy's Specialty **650**, 370.
Joint author: See: Book Reviews: Ageton, A.A.
Macassar Merry-Go-Round **483**, 669.
The Need For a New Morality **874**, 30. **877**, 114. **882**, 74.
Mackie, R.R.: ASW Officer, "Jack of all Trades..." **828**, 34. **838**, 93. **839**, 94. **840**, 89.
Macklin, T.: Navigating Inland Waterways to Alaska **331**, 827.
Macon (U.S.) **359**, 141. **363**, 768. **366**, 1234. **376**, 871. **378**, 1175. **384**, 234. **386**, 586. **389**, 1039.
Akron-Macon Heavier-Than-Air Unit (OldNav). R.K. Smith **756**, 158.
Freshwater Cruise of Macon. J.C. Wylie **686**, 61. **693**, 102, 103.
Macy, R.H.
Consolidation of Lighthouse Service with Coast Guard **443**, 58.
Icebreakers **447**, 669.
Madagascar: Keeping Watch Off Beira (Nbk) **762**, 166.
Madagascar (Fr) **337**, 401.
Madden, J.F.
Plea for Talking Shop **323**, 28.
Water Losses From Submarine Storage Batteries **339**, 606.
Maddocks, W.J.
Men in the Middle (Purtell) (C&D) **805**, 95.
Punishment Fits Crime (anec) **562**, 1361.
Maddox, G.N.: The Virginia's Combat System Department (ProfNote) **894**, 90.
Maddox (U.S.): A Day to Remember (OldNav). W.T. Schmitt **875**, 64.
Madison, Z.H.: Department strategic problem as a drill for the...naval establishment.... **166**, 1793.
Madouse, R.L. **707**, 119. **767**, 99.
Destroyer Maintenance (ProfNote) **697**, 138. **701**, 97, 98.
Drugs at Sea: Where Do We Stand? (ProfNote) **846**, 107.
Engineering Readiness Shot in the Arm: The Propulsion Examining Board (ProfNote) **887**, 108. **892**, 92. **894**, 63.
FDL Surfaces Again **784**, 54. **787**, 112.
Personnel Stability--Please (C&D) **839**, 95.
Surface Ship Overhauls **756**, 26. **758**, 132. **763**, 117, 119, 121.
Those First Impressions (C&D) **767**, 104. **771**, 119. **773**, 112. **777**, 103.
3M Co-ordinator--A Primary, Full-time Job (C&D) **814**, 84.
Vietnamese Naval Academy **793**, 48.
Madrugada (schooner): Sunk by Submarine **188**, 2456.
Madsen Gun: Description **186**, 1875.
Maffitt, John N.: The Confederate Cruiser Florida **165**, 1581.
Magath, T.B. **727**, 94.
Helpful Offer (anec) **605**, 735.
Magazine Explosions
See also: Ventilation; Names of vessels.
Aquidaban (Braz. battleship) magazine explodes **117**, 327.
Charlemagne (Fr. battleship) magazine explodes **113**, 236. **136**, 932.
Chinese gunboat Tung-chi magazine explosion **153**, 1482.
Descartes (Fr. cruiser) magazine explosion **136**, 931.
Destruction of the Liberte. R. Earle **140**, 1275.
Discussion of the Liberte explosion in the French chamber **141**, 357.
Forbin (Fr. cruiser) **136**, 932.
Greek destroyer Doxa blows up **174**, 1874.
Iena (Fr. battleship) magazine explosion **122**, 849. **124**, 1530. **136**, 932.
Italian Benedetto Brin magazine explosion **160**, 2137.
Japanese battleship Kawachi blows up **186**, 1944.
Japanese cruiser Tsukuba destroyed by explosion **168**, 411.
Liberte (Fr. battleship) magazine explosion **140**, 1457.
Loss of HMS Bulwark **155**, 222.
Marco Polo (It. cruiser) magazine explosion **112**, 867.
Matsushima (Japanese battleship) explodes **126**, 723. **136**, 1142.
Mikasa (Japanese battleship) explosion **116**, 1005. **120**, 1602. **126**, 722. **136**, 1142.
Powder explosions in Japanese Navy during 1913: **150**, 552.
HMS Vanguard Explosion **174**, 1871. **175**, 2049.
Vauban (Fr. cruiser) **136**, 931.
Magazine Rifles: BkRev. W.W. Kimball **22**, 695.
Magazine Small Arms. W.W. Kimball **17**, 231.
Magdeburg (Ger.) **800**, 122.
Grounded and Blown Up (1914): **153**, 1566.
Magee, J.E. **657**, 1235.
For Those Facing Selection **669**, 71.
I Am An American Fighting Man (ProfNote) **654**, 903.
Remember How Hot It Is in the Tropics? (anec) **681**, 153.
Magellan, Chile's Strait of, Alive Again With Ships (Nbk) **839**, 117. **847**, 90.
Magellan, straits of. Stone R.: Through Patagonian channels and straits of Magellan--voyage of the USS Solace, 1909 (maps, illus.) **130**, 455.
Magellan (Fr. transport): Sunk by Submarine **168**, 410.
Magennis, E.G. **727**, 109.
Proposed Changes to Rules of the Road (ProfNote) **696**, 129. **701**, 102, 103.
Magic Carpet, Navy's **524**, 1393.
Magnesium sulphate: Use in treatment of wounds **188**, 2433.
Magnetic Permeability: Oersteds on the Laminated Shell (ProfNote). H.R. McArdle **659**, 120.
Magnetic Qualities of Iron, Testing **70**, 445.
Magnetism, The Effect of Great Cold upon **15**, 84.
Magnetos: British **241**, 506.
Magnificent (Great Britain): Aircraft carrier Magnificent for Scrap (Nbk) **752**, 154.
Magon (Fr. destroyer): Description **147**, 1328.
Magruder, J.H. **708**, 126.
Magruder, John H., III (artist): Marine Lieutenant of 1937--November 1974 Cover.
Magruder, P.H.
Colonial Government House of Maryland **392**, 1405.
Naval Academy in Bygone Days **351**, 673.
Naval Academy Practice Ships **375**, 623, 729.
Spanish naval prisoners of war at Annapolis, 1898: **328**, 489.
Star Spangled Banner manuscript **292**, 647.
U.S. Naval Academy and Annapolis during Civil War 1861-1865: **510**, 909.
Walk through Annapolis in bygone days **316**, 511.
Magruder, T.P.
The Enlisted Personnel **134**, 375.
The New Navigation **123**, 947.
Note on Computing Altitude **130**, 570.
Maguire, C.J. **667**, 104.
Maguire, Doris
No Room For Young Turks (Karsten) (C&D) **846**, 96.
Nuclear Carrier and Modern War (Schratz) (C&D) **842**, 86.
Maguire, P.S.: Supertankers and Supertugs (ProfNote) **749**, 130.
Mahan, A.T. **215**, 99. **250**, 2111. **260**, 1615. **344**, 1410. **346**, 1733. **347**, 149. **359**, 112. **368**, 1524. **369**, 1672. **370**, 1823. **387**, 754. **451**, 1369. **452**, 1524. **453**, 1625. **460**, 767. **487**, 1283. **544**, 743. **861**, 70.
Address at unveiling of Sampson Memorial window at U.S. Naval Academy **129**, 271.
Air Power Needs Its Mahan. G.C. Reinhardt **590**, 363.
Alfred Thayer Mahan. In memoriam **155**, 1.
Blockade in Relation to Naval Strategy **76**, 851.
Changes of Tactics **700**, 95.
Letter of A.T. Mahan **48**, 57.
Lightle, W.T.: Extracts from Mahan's "Naval Strategy" **155**, 155.
Mahan--Historian With a Purpose. Francis Duncan **651**, 498.
Mahan--Mariner or Misfit? Robert Brent **758**, 92. **767**, 101, 104.
Mahan's Historical Method. R.W. Smith **731**, 49.
Mahan's Life of Nelson (Rev) **82**, 393.
Mahan's Message on the Merchant Marine. E.G. Campbell **687**, 92. **691**, 112, 113.
Mahan's "Theories" **722**, 117.
Mahan's views on naval warfare, See: Darrieus, War on the Sea **126**, 532.
Mahan's "War" with Great Britain. Kenneth Bourne and Carl Boyd **785**, 71.
Naval Education. Hon. Mention, 1879: **9**, 345.
The Necessities and Objects of a Naval War College **47**, 621.
Peripheral Strategy--Mahan's Doctrine Today. J.D. Hayes **609**, 1185. **613**, 335. **615**, 576.
Portrait **155**, 1.
Portrait Fund **435**, 779. **437**, 1087.
The Practical Character of the Naval War College **66**, 153.
Re-examination of Mahan's Concept of Sea Power. W.D. Puleston **451**, 1229.
Reflections, historic and other, suggested by the battle of the Japan Sea **118**, 447.
Roosevelt, Franklin Delano: Disciple of Admiral Mahan. W.L. Neumann **593**, 713. **603**, 561.
Sea Power--Teddy's "Big Stick". Guy Cane **882**, 40.
Sidelights on Mahan. J.M. Ellicott **548**,

1247.
20th Century Mahan (C&D) 865, 83.
With Erben and Mahan on Chicago. J.M. Ellicott 463, 1234.
Mahan, D.H.
A New Method for Detaching Boats... 42, 397.
Signalling to an Approaching Vessel... 42, 497.
A Stretcher for the Wounded on Board Ship 96, 625.
Tactics of Infantry in Battle (Rev) 42, 491.
Three Considered as a Tactical Unit. 45, 343.
Mahdi, The: See: Gunboats in the Desert.
Maher, A.L. 582, 818.
Mahler, W.H.: Buoys Will Be Buoys (Meade) (C&D) 846, 91.
Mahmoud (Turk.) 423, 653.
Mahoney, E.J. 496, 706. 528, 209. 532, 721. 594, 914.
Royal Canadian Naval College 530, 433.
Mahoney, Tom: Bari Incident (C&D) 779, 101.
Mahopac (USS): Sold 101, 135.
Mahrenholtz, U.: "Sever" and the Baltic Bottleneck (C&D) 805, 88.
Maier, H.J. 692, 113.
Maierform: Hull construction 303, 400. 340, 839.
Maihafer, H.J.: The Partnership 771, 49.
Mail
Censorship on Island X. A.S. Jagareski 502, 1461.
C/O Fleet Post Office, San Francisco. R.H. Wels 552, 193.
First U.S. Ocean Mail Ships and Navy. L.J. Gulliver 439, 1264.
Mail Buoys 687, 103.
Mail From Home 478, 1814.
Okinawa Postman. J.F. Bradley, Jr. 530, 427.
Postmarks, Naval, Collecting: Riding Hobby. H.P. Faust 379, 1231.
Postmarks, Naval--Souvenirs and Goodwill. H.F. Rommel 536, 1211. 584, 1103.
Salvage of Newfoundland Mail. S.A. Wheeler 470, 529.
Stamps, Army and Navy Series 410, 557. 412, 916.
Wreck-proof Safe for Ocean-going Mails 206, 647.
Mail Service: Neptune's Post Box (OldNav). F.P. Schmitt 888, 68.
Maillé Brézé (Fr) 347, 126. 350, 616. 358, 1829. 824, 50.
Maimyo: See: Ghosts: The Maimyo and the Tricouleur.
Mainard, A.G.: Two-bit Plans (anec) 881, 24.
Mainbrace--Potential Becomes Reality. H.B. Say (Pict) 599, 75.
Maine (USS) (1st) 277, 464.
Burial of the Maine 142, 807.
The Destruction of the Maine.
Barber, F.M. 87, 515.
Bucknill, J.T. 87, 510.
Destruction of the USS Maine--Accident or Sabotage? (C&D) 828, 98.
The Maine Once More Afloat 141, 373.
Masts 480, 306.
A Midshipman on the Maine. W.T. Cluverius 180, 237.
Remembering Maine. W.S. Meriwether 543, 549.
Report of the Vreeland Board 141, 371.
We Remembered Maine. E. Murphy and S.M. Hawkins 491, 55.
Maine (USS) (2nd): Description 103, 699.
Maine: Down East Ships of the Union Navy. D.C. Switzer 741, 82.
"Main Navy": And the Walls Came Tumblin' Down. C.K. Ferguson 810, 70. 818, 94.
Maintainability: Vital Goal--A Workable Navy. R.H. Smith 748, 60. 754, 119, 120.
Maintenance
Aircraft Pipeline, the Tail That Wags the Dog. T.R. McClellan 777, 62.
Fleet Machinery Maintenance (ProfNote). J.E. Kaune 785, 134.
Maintenance and Material Management (3M): Naval Aviation 3M Program--Success or Failure? (ProfNote). B.M. Strean 811, 86.
Maintenance Management: Right Thing for Naval Aviation. V.J. Lemmon and W.A. Schroeder, Jr. 839, 26.
Maintenance of Equipment: Needed--More Professionals. A.N. Glennon 715, 59.
Planned Maintenance--It Works (ProfNote). D. Ritchie 751, 144.
Planned Maintenance System (PMS): Electronics PMS: The Unkept Promise. T.C. Schelin 862, 48.
Role of Maintenance Support Office (ProfNote). C.R. Oberg 795, 142.
Maintz (Ger. cruiser): Launched; description 129, 290.
Maitland, R. 606, 903.
Majesky, J.E.: Enlisted Distribution and Rating Control (ProfNote) 759, 151.
Majestic (HMS)
Loss of the Majestic 158, 1374.
Makes Coaling Record 105, 306.
Majestic (SS) 225, 1810. 234, 1438, 1449. 240, 341. 250, 2106.
Major, H.C.: Bringing the "Ducks" From Nicaragua 370, 1727.
Makaroff, Admiral: Lessons of Santiago 88, 791.
Makaroff, S.: Device for Minimizing the Effects of Collisions at Sea 77, 211.
Makarov, S.O.: Admiral Makarov: Attack! Attack! Attack! D.W. Mitchell 749, 57. 754, 118. 762, 121. 768, 119, 120. 771, 125.
Make It Yourself. R.C. Parker 333, 1012.
Makinen, J.H.
All Shot (anec) 650, 385.
Hardened Criminal (anec) 786, 149.
Well, Who Is...? (anec) 661, 61.
Malacca Straits
Bypassing Malacca (ProfNote). Lawrence Griswold 844, 105.
Malacca and the Law (ProfNote). J.E. Marsh and B.J. Janigian 876, 101.
Malacca: Dire Straits. E.F. Oliver 844, 26.
Malagasy Republic 825, 55.
Malanot, E.W. 635, 83, 88, 89, 90, 91, 92, 93. 637, 327. 641, 765. 648, 215.
Typhoon Doctrine 629, 744.
Malaya
Communist Terrorism in Malaya. R.L. Muros 704, 51.
Guerrilla War in Malaya. J.E. Dougherty 667, 41.
Tiger of Malaya. S.S. Stratton 612, 137. 617, 810.
Malaya (HMS) 250, 2056. 344, 1417. 345, 1574.
Malaysia
Royal Malaysian Navy (ProfNote). J.F.R. Weir 782, 124. C&D: 798, 118.
Vosper to Build Torpedo Boats for Malaysia (Nbk) 745, 144.
Malenkov, G.M.: Dilemma of Georgi Maximilianovich Malenkov. W.H. Standley and A.A. Ageton 607, 947.
Maley, J.D.: Proteus in Holy Loch--July 1961 Cover.
Maling, H.F., Jr. 573, 1260.
Mallard (USS) 317, 630.
Mallen, F.
Anybody Here Seen Needham? (anec) 591, 543.
Million Dollars Worth of Jap (anec) 569, 777.
Notify Supreme Commander (anec) 594, 895.
Those Thirsty Marines (anec) 569, 757.
Mallett, R. 456, 199.
Mallison, S.V., and W.T. Mallison, Jr.: A Survey of the International Law of Naval Blockade 876, 44.
Mallison, W.T., Jr. 554, 471. 613, 342.
USS Colorado: The "Other" Battleship (Shrader) (C&D) 889, 84.
The Ship That Sank From Fright (Featherman) (C&D) 845, 97.
Mallory, B.S.
Ready, Aim, and Hold the Horses! (anec) 709, 83.
Three-Mile Limit: Obsolete Concept? (C&D) 773, 109.
Mallory, Stephen R.: Mallory's Mishap: The U.S. Sloop Pensacola (OldNav). E.F. Dibble 887, 70.
Malloy, W.E.: Tomb of John Paul Jones 208, 899.
Malmö (Sw.) 430, 1795.
Malo, Henri: American Privateers at Dunkerque. Tr. by S.L. Mins 139, 933.
Maloja (SS): Loss of the Maloja 162, 632.
Malolo (SS) 346, 1708. 354, 1228.
Malone, R.E. 582, 882.
Maloney, E.S.: Bridge-to-Bridge VHF Radio Communications (ProfNote) 688, 143. 693, 111.
Maloy, W.L.: The Education and Training of Naval Officers: An Investment in the Future (NavRev) 867, 134. 872, 90.
Malta 232, 1019. 285, 2336.
Exercise in Mobility (ProfNote). W.B. Hayler 777, 135.
Focal Point of Mediterranean Control. W.M. Gullett 455, 15.
Malta: Future of a Naval Base. A.J. Cottrell 668, 29.
Malta--Maritime Base for Rent (ProfNote). B.B. Schofield 838, 111.
Malta's Governor General Comments 675, 98.
U.S. Repair Ship Cadmus Will Be Based at Malta (Nbk) 757, 152.
Malvern (USS)
See also: Cushing, W.B. 143, 984.
Illustration 143, 984.
Management
Bigelow, C.M. 358, 1836, 1843.
Challenge to Navy Management. Fred Korth 726, 26.
Civilian Control of the Navy (C&D). W.B. Franke 732, 106.
Defense Management: Navy's Position. J.B. Cline 743, 43.
Delegation, Anyone? F.H. Haymaker 727, 46.
Get Off My Back, Sir! R.E. Mumford, Jr. 894, 18. 898, 77.
Logistics Management in the Fleet. R.R. Campbell 728, 83. 734, 112.
Management in Acquisition. J.T. Cockrill 776, 39.
Management Primer for Squadron Commanders. B.E. Smith 732, 84.
Managing the Shore Establishment. H.N. Kay 898, 18.
Men in the Middle. J.M. Purtell 798, 61. 802, 107. 803, 104, 105. 804, 99. 805, 95.
Military Manager, the Image and the Man. H.R. Tall 714, 59.
Minimal Manning Module System (ProfNote). R.A. Olsen 836, 114. 842, 86.
Mismanaging Our Managers (NAMB) 876, 84.
Personnel Management: Which Way Is Up? J.J. Dougherty 778, 76. 782, 95.
Planning and Control: Network Analysis--Dynamic Management

Management (Cont.)
Planning and Control (Cont.)
Technique (ProfNote). F.M. Derr **740**, 128.
Project Management, This Business of (C&D) **839**, 99.
This Business of Project Management. F.H. Featherston **827**, 22.
Thoroughly Modern Management. Richard Boyle **836**, 34. **845**, 98.
Training and Education--Subspecialty: A Reality (ProfNote). C.C. Vernam **853**, 114.
Under New Management (ProfNote). E.P. Higgins **804**, 110.
Work Study Groups: Trouble Shooters of the Fleet. C.M. Johns **729**, 52. **737**, 113.
Manari (SS) **301**, 226.
Manassas (CSS): The Pioneer Ironclad. J.M. Morgan (illus.) **176**, 2275.
Manchu Dynasty: Homer Lea--Interloper on History. J.C. Kimball **830**, 61.
Manchuria
Airways **355**, 1386.
Aviation Activities **358**, 1842.
Bandit Attacks on Southern Manchurian Railway **352**, 931.
China **333**, 1056. **334**, 1159. **337**, 418. **345**, 1570, 1584.
Development of Manchuria. B. Anderson **363**, 649.
Diplomacy **356**, 1529.
Exploitation vs. War Costs **353**, 1058.
Harbin Disorders **349**, 446.
Hulutao, Port of **335**, 133.
Intervention Forced **351**, 770.
Japan **308**, 926. **310**, 1110. **345**, 1570, 1585. **346**, 1712. **347**, 121, 138. **348**, 305. **353**, 1079. **356**, 1511.
League of Nations **345**, 1584. **346**, 1727. **347**, 140.
League of Nations Investigating Committee **348**, 306. **349**, 446. **351**, 751. **352**, 904. **354**, 1210. **355**, 1360. **357**, 1658, 1875. **358**, 1815, 1827, 1831.
Manchoukuo **350**, 351. **354**, 1210, 1223. **355**, 1376. **357**, 1658. **358**, 1814, 1835.
Munitions From Ireland **350**, 614.
New Manchurian Port of Hulutao (Int-Aff) **335**, 133.
Port Arthur **264**, 303. **349**, 435.
Prologue in Manchuria. C.C. Wood **361**, 323.
Russia **319**, 823. **320**, 917. **323**, 78. **324**, 168. **348**, 288.
United States **319**, 825. **347**, 122. **349**, 424.
Manchuria (SS): Collision with USS Amphitrite **173**, 1507.
Manco Capac (Per) ex-Oneota: See: Monitors 'Round Cape Horn.
Mandate, Japan's, in Southwestern Pacific. E.G. Campbell **472**, 829.
Mandated Islands
Administration of Former Japanese Mandated Islands. T.O. Clark **518**, 511.
For Sugar Boats or Submarines? Masatake Okumiya **786**, 66. **789**, 108.
How Japan Fortified Mandated Islands. T. Wilds **626**, 401.
Mandates **219**, 792, 794.
Mandel, P.W. **616**, 689.
Legal Officer: Collateral Duty Lawyer **628**, 647.
No Birddog in the Soup **647**, 25.
Mandell, B.H. (joint author): See: W.T. White.
Mandle, H.V.: Computer's Role in Command Decision (C&D) **775**, 110.
Maneuvering Board: Circles for Zig-Zags. W.M. Pepper, Jr. **613**, 319.
Maneuvering Instructions, Sea Manners and. P.P. Welch **396**, 225.
Maneuvers
Aids to Accuracy. R. Willson **234**, 1369.
Aircraft **325**, 247. **336**, 262. **348**, 179.
Airship Value **338**, 536.
Army Hawaiian **355**, 1382.
Army Railway Artillery Exercises **356**, 1521.
Battle Practice **352**, 921.
Battleship, U.S. **338**, 538.
Casualties
See also: Guns (ordnance); Accidents; Collisions and Groundings; Boiler Explosions.
British Casualties During Maneuvers, 1901-07: **128**, 1332.
Destroyer Accidents in German Maneuvers, 1910: **134**, 602.
Comment on Recent Fleet Mediterranean Maneuvers, 1929 (ProfNote). H.C. Bywater **316**, 531.
English **304**, 495. **353**, 1068. **358**, 1824.
English Aviation **356**, 1536.
Fleet Maneuvers, 1929 (ProfNote). L.R. Freeman **314**, 341.
French **226**, 1945. **308**, 908.
Greatest Need of the Atlantic Fleet. H.E. Yarnell **145**, 1.
Hawaiian **266**, 633.
Italian **283**, 1834. **345**, 1581. **356**, 1526. **357**, 1677.
Italian Naval Maneuvers, 1905: **116**, 1004. 1910: **136**, 1172.
Japanese **202**, 2078. **225**, 1811. **255**, 821. **298**, 1325. **346**, 1713. **353**, 1080. **357**, 1686. **358**, 1835.
Japanese Naval Maneuvers, 1912: **145**, 386.
Joint, 1924: **250**, 2076. **253**, 467. **254**, 649.
Navy Air **355**, 1382.
Preparing Advance Base. F.H. Gilmer **257**, 1073.
Russian **345**, 1571.
Swedish Naval Maneuvers, 1913: **148**, 1759. **149**, 238.
United States **243**, 865. **244**, 1021. **263**, 122. **265**, 466. **315**, 475. **338**, 536.
U.S. Navy Maneuvers **385**, 421, 429. **386**, 590. **387**, 724.
Vessels in Restricted Waters **354**, 1231.
War Games (1932): **351**, 761. **354**, 1217.
Maneuvers--British Navy
British Atlantic Fleet Maneuvers, 1905: **114**, 504.
British Combined Fleet Maneuvers, 1905: **115**, 718.
British Joint Army and Navy Maneuvers, 1905: **114**, 507.
British Maneuvers, 1903: **107**, 777. **109**, 226. 1906: **119**, 1135. 1912: **143**, 1134. **144**, 1692. 1913: **147**, 1343. **149**, 218.
British Maneuvers Off Spanish Coast, 1911: **138**, 644.
British Maneuvers: Summary, 1887-1909: **135**, 913.
British Torpedo Craft Maneuvers, 1904: **111**, 643. **112**, 861.
Destroyer Battle Practice, 1905: **117**, 358.
Umpire's Decision, Maneuvers of 1903: **108**, 990.
Maneuvers--French Navy
French Fleet Maneuvers, 1912: **143**, 1117. **144**, 1630.
French Maneuvers, 1905: **115**, 707. 1906: **119**, 1118. **120**, 1573. 1910: **135**, 861. 1914: **152**, 1180.
French Naval Maneuvers of 1907. P.R. Alger, Tr. **123**, 965.
French Submarine Maneuvers, 1905: **117**, 366. 1909: **132**, 1274. 1912: **144**, 1628.
French Torpedo-Boat Maneuvers, 1908: **128**, 1322.
French Umpire Regulations, 1911: **138**, 672.
Maneuvers--German Navy
German Grand Naval Maneuvers and Review at Kiel, 1911: **140**, 1424.
German Maneuvers, 1903: **107**, 785. 1904: **112**, 846. 1909: **132**, 1279. 1912: **143**, 1121. **144**, 1636. 1913: **147**, 1336.
Maneuvers--United States Navy
See also: Target Practice.
Battleship Practice Cruise. (August-Sept. 1916.) E.S. Maclay **166**, 1783.
[Joint] Army and Navy Maneuvers. J.A. Lundeen (1902): **105**, 225.
[Joint] Army and Navy Maneuvers. John McClellan **105**, 227.
[Joint] Army and Navy Maneuvers Viewed from Afloat. R.C. Smith (map) **103**, 723.
[Joint] Maneuvers Between Navy and Coast Artillery. J.P. Wisser (1902): **104**, 787.
U.S. Atlantic Fleet Maneuvers, 1915: **160**, 2044.
U.S. joint Army and Navy Maneuvers, 1902: **103**, 675.
U.S. Maneuvers, Sept. 1916: **165**, 1665, 1667.
U.S. Naval Maneuvers, August, 1916: **165**, 1661.
Mang, L.H.: See: Weems, P.V.H.
Manganese: German Manganese Supply **171**, 996.
Manganese Nickel **292**, 704.
Mangol, F.N.
Formal Departure (anec) **701**, 123.
New Course for the NROTC (C&D) **775**, 108.
Manhattan (SS) **346**, 1717. **349**, 436. **352**, 933. **353**, 1082. **354**, 1228. **355**, 1379. **356**, 1530. **357**, 1679.
Across the Top. V.F. Keith **810**, 60.
Sold **101**, 135.
Manierre, C.E.: Graphical Solution of Problems in Nautical Astronomy **224**, 1593.
Manila, Fall of. T.M. Brumby and W.E. Wight **690**, 88.
Manila (Abaca) Fiber for World War II. K.G. Pearson and A.L. Holden **507**, 525.
Manila Bay
The Defenses of. J.M. Ellicott **94**, 279.
Effect of Gunfire in Battle of. J.M. Ellicott **90**, 323.
The Naval Battle of. J.M. Ellicott **95**, 489.
Naval Campaign of, in 1898. C.G. Calkins **90**, 267.
Official Report of Battle of. George Dewey **91**, 529.
Manila Bay, Battle of
See also: U.S. Naval History.
Dewey and Germans **448**, 843, 845.
Under Gallant Captain at Manila in '98. J.M. Ellicott **479**, 33.
Manila Bay, Second Battle of. T.W. Davison **483**, 642.
Manila Galleons. J.D. Hayes **382**, 1689.
Manila or Non-Manila. H.S. Lewis **603**, 505.
Manila (Schooner) **290**, 427.
Manila (USS): Some Experiences on Board USS Manila. W.F. Halsey **103**, 565.
Manipulator Systems: Hands Beneath the Sea (ProfNote). W.H. Hunley and R.A. Jones **796**, 126.
Manitou (Brit. transport): The Manitou Incident **157**, 1019.
Manley, Captain John, of Continental Navy. H.E. Dow **282**, 1554.
Manley (U.S.) **411**, 633.
Explosion of Depth Charge Aboard the Manley **183**, 1136.
Illustration **184**, 1353.
Man-Made Air--State of the Art. J.T. Rigsbee **671**, 30.

Mann, R.R.: Chart Study and Preparation **201**, 1887.
Mann, W.L.
Classification of the personnel at U.S. naval disciplinary barracks, Port Royal, S.C. **147**, 1085.
Development of Naval Medicine **319**, 773.
Smoke Screen Indicator **285**, 2221.
Mannarino, M.R.: Surface Warfare Officers: the Need for Professionalism (Hart) (C&D) **885**, 76.
Manned Submersibles, Guide for Classification of: See: American Bureau of Shipping and Commercial Submarines (ProfNote). Andrew Neilson **787**, 133.
Manned Underwater Stations (MUS)
Navy Plans Mile-deep Laboratory (Nbk) **790**, 160.
Scientists to Live on Ocean Floor (Nbk) **785**, 147.
Ten Men at 6,000 Feet for 30 Days (Nbk) **784**, 143.
Manney, Henry N.: Expeditionary Work of the Quartermaster's Department **149**, 103.
Manning, C.H.: Different Types of Circulating Pumps for Surface Condensers **17**, 335.
Manning, G.C.
Capital Ship **286**, 2473.
Control of the Sea: Its Relation to Russo-Japanese War **143**, 993.
Financial Control of Ships' Overhauls **326**, 296.
Navy Material Inspection Service **402**, 1143.
Yangtze: A Naval Constructor Goes to Sea With the Fresh Water Navy **372**, 221.
Manning, H.: Ten Minutes **453**, 1590.
Manning, J.E.: Versatile Nurse (anec) **735**, 69.
Manning, J.J. **564**, 209.
Manning, L.C.: MSC Supplies Glass Slipper for Mistreated Falcon Princess (Emery) (C&D) **862**, 87.
Manning, T.D. **619**, 1045. **639**, 541.
Manning Our Future Naval Vessels. Henry Glass **37**, 41.
Manning the Rail: Origin **311**, 12.
Manoeuvres--British Naval
England's Fleet, 1897: **83**, 578.
For 1894: **74**, 409.
Notes, 1899: **91**, 691.
Sham Battle, Chilian Squadrons. S.L. Graham (Tr.) **71**, 609.
United States, 1896: **79**, 678.
"Man on Horseback," Specter of. G.S. Lowe **731**, 26.
Man Overboard! **360**, 222.
Man Overboard Drill: High Cost of Saving Oscar. A.H. Robbins **797**, 60.
Man Overboard: Fate? I.C. Kidd, Jr. **588**, 181.
Man-Overboard Problem as Applied to Destroyers. G.E. Brandt **327**, 419.
Manpower
Accommodations--the Squeeze Play. R.L. Tarbox, Jr. **730**, 52. **762**, 120.
Management: Canadian Cyclic System. Seymour Dombroff **779**, 64. **784**, 112, 113.
Manpower and the Merchant Marine. Joseph Locetta **809**, 26. **814**, 86. **816**, 87.
Medical Manpower Problems: Give Up or Train Up? (C&D) **853**, 102.
Military: 1985--Where Did All the Young Men Go? (ProfNote). R.T.E. Bowler, III: **898**, 99.
Neglect of the Human Element (ProfNote). R.P. Cort **719**, 153.
No Substitute for Manpower. R.H. Bowers **720**, 70.
People, the Navy's Most Critical Resource. C.W. Tarr and P.C. Keenan, Jr. **885**, 45.
Problems: How to Stay Afloat in a Personnel Quandary (ProfNote). W.R. Thomas **854**, 119. **860**, 85.
Shipboard Manpower: Economy Begins at Home (C&D) **842**, 92.
Thin Blue Line. R.J. Hanks **740**, 60.
Mansfield, C.V.: Army Versus Navy (anec) **644**, 1045.
Mansfield, W.N. **413**, 1019. **416**, 1473. **417**, 1625. **418**, 1777.
Manson, F.A.
Joint Author: See also: M.W. Cagle and W. Karig.
Seventy-Nine Minutes on Picket Line **559**, 997. **562**, 1413.
Manson, Frank (BkRev) **741**, 119. **769**, 120.
Man the Books. A.L. King **348**, 238, 280.
Manthorpe, W.H.J.
Attaining Command at Sea--Soviet Style (ProfNote) **873**, 97.
Book Reviews **880**, 85. **887**, 94.
Naval Kremlinology (C&D) **875**, 70.
The Soviet Navy in 1975 (NavRev) **879**, 204.
The Soviet Navy in 1976 (NavRev) **891**, 202.
Manual for Pay Officers Afloat, Compilation of. G.P. Auld **154**, 1749.
Manufacturing
Machines vs. Men **353**, 1084.
Manufacturing Costs at Navy Yards: See: U.S. Navy Yards, Stations and Bases.
Many, S.B. **694**, 109.
He Made No Complaint (anec) **746**, 53.
Maori (HMS): Sunk by Mine **157**, 1004.
Mao Tze Tung--"Sun in East." S.B. Griffith, II: **580**, 615.
Maps
Charting War: Sea and Cartography in Relation to Southwest Pacific. G.C. Ingleton **519**, 697.
Electric Weather **341**, 980.
Foreign Geographic Names on Mariner's Chart. J.B. Hutt **515**, 39.
Maps and Navigation Methods. A. Duval **233**, 1236.
North Pacific Ocean **227**, 140.
Maps, James: Battle of Ushant--And After **733**, 80.
Marble, Frank: The Battle of the Yalu. Hon. Mention, 1895: **75**, 479.
Marblehead, Massachusetts: The Service of Marblehead to the U.S. Navy. T.G. Frothingham **286**, 2413.
Marblehead (USS) **250**, 2077. **337**, 353.
March, D.P.: Full Systems at Launch--New Concept in Fleet Aviation Operations **851**, 34. **854**, 100.
Marchant, W.A. **409**, 396.
Texas (U.S.): Model **377**, 985.
Marconi, G.
Address on Wireless Telegraphy (illus) **133**, 311.
Progress of Space Telegraphy **103**, 757.
Marconi's Latest Developments in Wireless Telegraphy **96**, 685.
Marconi Wireless Telegraphy. J.B. Blish **92**, 857. **94**, 403.
Marco Polo (Italian cruiser)
Magazine Explodes **112**, 867.
Who Built the Marco Polo (OldNav). Norman Rubin **783**, 138.
Marcq Saint-Hilaire. W.A. Mason **438**, 1171. **440**, 1530. **442**, 1778.
Marcum, V.O.: The Royal Navy (Morris) (C&D) **832**, 107.
Marcus, Arnold: Heroism of Lieutenant Marcus **178**, 3002.
Marcus (USS) **336**, 251.
Marcy, S. **392**, 1402.
Marder, A.J. **603**, 569. **632**, 1159. **650**, 445. **693**, 117. **702**, 114. **716**, 114. **720**, 124.
Admiral Sir John Fisher: Reappraisal **469**, 317. **471**, 703.
Book Review **720**, 124. **729**, 106.
Fisher and the Genesis of the Dreadnought **646**, 1309.
Impressions of Nelson (J.A. Fisher papers) **545**, 843.
Winston Churchill as First Lord of Admiralty, 1911-1915: **599**, 19.
Marechiaro (Austrian hospital ship): Reported Sunk by Submarine **162**, 660.
Marfiak, T.F.: Leadership: Some Soundings (Leadership Forum) **870**, 80.
Mare Island Centennial (Pict) **619**, 1031.
Mare Island Navy Yard
Magazine Explodes **174**, 1907.
Makes Speed Record on Construction of USS Taylor **183**, 1077.
Mare Island Explosion Result of Plot; Finding of the Board **176**, 2398.
Mare Island Navy Yard Dilatory? **156**, 547. **158**, 1303.
Margaretta (Br.): See: Machias Liberty, Captain Jeremiah O'Brien.
Margaritis, C.: Strategic Analysis of the Eastern Mediterranean and the Black Sea (NavRev) **843**, 112. **847**, 95.
Margets, N.E.: Modern Warfare vs. the Riffians (ProfNote) **281**, 1441.
Marggraff, F.C., Jr. **467**, 99.
Marianas, Battle of the: Operation Forager. S.R. Zimmerman **738**, 78. **742**, 113.
Marianas Campaign: Battle of the Philippine Sea. T.B. Buell **857**, 64. **859**, 88. **861**, 102. **862**, 77.
Marianas Island
Agrigan, Lost Treasure of. E.K. Thompson **504**, 209.
Saipan, Prelude to: 15 June, 1944: P. Zurlinden **531**, 581.
"Marianas Turkey Shoot": See: Battle of the Philippine Sea.
Marie (SS)
The German Steamship Marie Runs Three Blockades **165**, 1706.
Loss of the Marie **178**, 3029. **179**, 169.
Marie Louise (SS) **233**, 1187.
Marietta (USS) **335**, 64. **346**, 1629. **377**, 951.
Mariette Pacha (Fr. SS) **449**, 1066.
Marijuana: "Away the Prize Crew." A.R. Larzelere **863**, 52.
Marina (SS)
The Marina Case **167**, 208.
Torpedoed **166**, 2080.
Marine Air-Ground Task Force (MAGTF): "...And Three Air Wings." (ProfNote). R.E. Hamilton **897**, 100.
Marine Amphibious Force (MAF): A Case for Pre-Positioning (ProfNote). R.A. Smaldone **897**, 109.
Marine Corps **336**, 274. **338**, 557. **340**, 841, 842. **353**, 1054.
See also: Cover Pictures--November 1961.
Advance Base **201**, 1917.
Aeronautics **345**, 1573.
Air Support: Genesis of Air Support in Guerrilla Operations. V.E. Megee **748**, 48.
American Marines in Revolution. E.N. McClellan **244**, 957.
Aviation
Marine Corps Aviation: Cunningham to Chu Lai (Pict). H.D. Bradshaw **765**, 106.
Smedley Butler's Air Corps: First Marine Aviators in China. G.M. Neufeld and J.S. Santelli **890**, 48.
Amphibious Forces: The Turning Point. E.J. Miller and W.D. Toole, Jr. **861**, 26.
Amphibious War, Author of Modern. R.D. Heinl, Jr. **537**, 1311.
"...and a few Marines." W.G. Leftwich, Jr. **786**, 34.
Armor, 1967, Marine Corps (ProfNote). R.M. Winter **767**, 123.

Marine Corps (Cont.)
As President May Direct. L.C. Shepherd, Jr. **585**, 1149.
At Sea--Where We Belong. R.C. McFarlane **825**, 36. **833**, 103. **834**, 95.
Aviation, Marine Corps--An Infantryman's Opinion. J.N. Rentz **561**, 1277.
Basic School, Quantico--Core of the Corps (Pict). B.M. Broman **793**, 84.
Belleau Wood (Reprint). S.L.A. Marshall **873**, 27.
Birth of FMF. J.H. Russell **515**, 49.
Boot Camp (Pict) **606**, 887.
Bringing "Ducks" from Nicaragua. H.C. Major **370**, 1727.
Budget **345**, 1573.
Camels, Tripoli **361**, 347, 411. **366**, 1192. **458**, 497.
Camp Pendleton...to mold a finer Marine (Pict). G.W. Ferguson **780**, 86.
Cannabis (ProfNote). D.H. Gaylor **814**, 97.
Casualties in Haiti, Nicaragua, and Santo Domingo **353**, 1067.
Cat With More Than Nine Lives. R.D. Heinl, Jr. **616**, 659.
The Corps' Old School Tie. J.E. Greenwood **873**, 46.
Dog Company's Charge. N.A. Canzona **645**, 1203.
Dominican Diary. J.A. Dare **754**, 36.
Don't Give Up The Ship. G. Richards **238**, 2189.
The Embassy Marine (ProfNote). R.J. Barrett **772**, 134.
Emblem--November 1975 Cover.
Emblem, Marine Corps: The First Hundred Years.... R.A. Long and D.P. Wyckoff **801**, 49.
Equal Opportunity. E.L. Green **856**, 40.
"First to Fight"--The Marine Brigade **873**, 26.
Fleet and Marines. E.W. Broadbent **337**, 369.
Fleet Marine Force. J.H. Russell **404**, 1408.
Fleet Marine Force Korea. L. Montross **606**, 829. **607**, 995.
Flying Reserve of Leathernecks. H.C. Reisinger **368**, 1466.
Force in Readiness. J.L. Zimmerman **648**, 165.
Force in Readiness (Pict). K.A. Schuon **705**, 90.
Foreign Policy and the Marine Corps. W.H. Parks **885**, 18.
The Future of U.S. Amphibious Forces, A View from the Hill (C&D) **897**, 71.
Haiti **344**, 1416.
Halls of Montezuma. W.D. Lanier, Jr. **464**, 1385.
Improvement of USMC Junior Officer Lineal Precedence **673**, 100.
Iron Men in Wooden Ships and Iron Ships--Seagoing Marine Detachments 1775-1975 (Pict). J.G. Miller **873**, 57.
Joint Military-Naval Operations. E.W. Broadbent **373**, 321. **376**, 837.
Marine Amphibious Warfare, New Style (Pict) **570**, 903.
Marine Aviation in Vietnam 1962-1970 (NavRev). K.B. McCutcheon **819**, 122.
Marine Band. E.N. McClellan **242**, 581.
The Marine Corps as a Separate Service. A.M. Fraser **873**, 19.
Marine Corps Aviation. M.R. Tutton **699**, 48.
Marine Corps Aviation in Second Nicaraguan Campaign. F.P. Mulcahy **366**, 1121.
Marine Corps--Here to Stay. R.D. Heinl, Jr. **572**, 1085.
Marine Corps History, Written and Spoken (ProfNote). B.M. Frank **789**, 145.
The Marine Corps
1926. J.A. Lejeune **284**, 1961.
1948. A.A. Vandegrift **540**, 135.
1973. J.A. Saxten and L.G. Ditta **719**, 113.
1985. P.A. Wilson **875**, 31.
Marine Corps Operations In Vietnam, 1968 (NavRev). E.H. Simmons **807**, 290.
Marine Corps Operations in Vietnam, 1969-1972 (NavRev). E.H. Simmons **843**, 196. C&D: **851**, 75.
Marine Corps Reserve (ProfNote). G.B. Stevens **753**, 140.
Marine Corps Training. J.L. Zimmerman **557**, 787.
Marine Corps Transplacement (ProfNote). C.G. Dunnagan **751**, 136.
Marine Helicopters--Stunted Growth. J.D. Watson **845**, 34. **849**, 88.
Marine Afloat: Asset or Anachronism? H.H. Reichner, Jr. **588**, 153.
Marines and Crisis Control. E.H. Simmons **753**, 26.
Marines at Playa del Este. C.C. Hanks **465**, 1591.
Marines Cut a Gordian Knot (ProfNote). W.V. Kennedy **838**, 109.
Marines in Modern War (ProfNote). V.J. Croisat **678**, 134.
Marines Leave Boxer (LPH-4) and Princeton (LPH-5) (Nbk) **736**, 153.
The Marines: Now and in the Future (NavRev). E.H. Simmons **867**, 102. **871**, 83. **875**, 70.
Mechanized Warfare: Ground Mobility for Marines (ProfNote). K.W. Estes **897**, 103.
New Fleet Marine Force. R.B. Asprey **678**, 41.
Nicaraguan National Guard: La Palabra del Gringo! H.C. Reisinger **384**, 215. **387**, 709.
Parachute Training. R.H. Williams **461**, 999.
Pete Ellis: Amphibious Warfare Prophet. J.J. Reber **897**, 53.
Preserving Tradition. H.C. Davis **280**, 1129.
Quantico Base **205**, 457. **309**, 969.
Ready-Amphibious-Marine. L.H. Wilson, Jr. **897**, 18.
Reduced **345**, 1573.
Reserve, High Quality of Our. H.C. Reisinger **381**, 1526.
Reserve, U.S. Marine Corps. W.P. Upshur **434**, 487.
Riddle of Combined Arms: 1949. G. Richards **558**, 881.
Right on the Button: Marine Corps Air Support in Korea. J.S. Thach **873**, 54.
Right to Fight. R.D. Heinl, Jr. **715**, 23.
Seagoing Marines (Pict) **825**, 65.
Sea Soldier in the Sandwich Islands (OldNav). W.B. Murphy **897**, 65.
Sea Training of Marine Officers. G. Barnett **256**, 935. **257**, 1126.
Shu-Fly Diary. A.J. Clapp **728**, 42.
Special Marine Corps Issue (C&D) **878**, 90.
Stand, Gentlemen! J.L. Zimmerman **553**, 289.
To the Limit of Our Vision and Back (NavRev). R.E. Cushman, Jr. **855**, 108. **859**, 92.
Training Landing Force. R.D. Heinl, Jr. **464**, 1452.
United States Marine Corps
Fuller, B.H. **332**, 913.
Lejeune, J.A. **272**, 1858.
Neville, W.C. **320**, 863.
U.S. Marine Corps, Present and Future. J.A. Lejeune **308**, 859.
U.S. Navy's First Seagoing Marine Officer. L.C. Dunn **558**, 919.
View From FMF Pac of Logistics in the Western Pacific, 1965-1971 (NavRev) J.B. Soper **831**, 222.
When the Marines Went to France, 1917-1918 (Pict) **777**, 86.
Why Quantico? J.S. Breckinridge **309**, 969.
William Freeland Fullam's War With the Corps. J.G. Miller **873**, 37.
Women in the Corps. Call Them Marines **873**, 68.
World War II, Marine Corps in (Pict) **546**, 1013.
You Can Always Tell a Marine (Pict) **849**, 73.
Marine Engineering
See also: Boilers; Electric Propulsion of Ships; Engines; Repairs and Alterations to Vessels; Steering Gear; Names of various engines; Headings under Electric.
Advance of Marine Engineering in the 20th Century **131**, 1001.
Aid to the Systematic Firing of Marine Boilers. H.E. Lackey **115**, 599.
Breakdowns in British Navy (1904): **109**, 249.
Bridge-Control of Engines (Collier Neptune) **136**, 1176.
Conservation of Heat Losses From Pipes and Boilers. G.D. Bagley **190**, 2828.
Convenient Method of Handling Steaming Data. Jules James **181**, 585.
Course in Marine Engineering for Reserve Officers. G.J. Meyers **177**, 2563.
Dynamic Balance of Machines **166**, 2022.
Economical Employment of Auxiliary Exhaust Steam. E.E. Wilson **182**, 805. **187**, 2145.
Elimination of Coupling Troubles in Main Shafting. J.K. Esler **200**, 1731.
Engineering Competition in U.S. Navy, 1908: **125**, 348.
Engineering Progress in 1910: **137**, 325.
Engineering Progress in U.S. Navy. G.W. Dyson (1913): **145**, 401.
Engineering Standards Afloat. H.C. Dinger **152**, 1137.
Engineering Study Directory for Officers. R.R. Smith **182**, 795.
Engine-room Lessons of Russo-Japanese War **111**, 673.
Extracts from "Organization of a Modern Fleet for war." Sir Charles Campbell **121**, 444.
Feed-water Temperatures. P.V.H. Weems **193**, 383.
Fleet Steaming and Economy **125**, 259.
Flotilla Machine Shop Aboard USS Dixie. W.W. Smith **130**, 523.
Job Order System for the Engineer Department **159**, 1499.
Main Engine Repairs Underway. E.C. Kalbfus **131**, 895.
Marine Engineering Development 1906: **121**, 430.
Marine Engineering, Past, Present and Future. James Denny **129**, 325.
The Motor Drive. (illus) R.D. Gatewood **134**, 507.
Naval Engineering in Japan (1911): **139**, 1068.
Naval Experiments a Necessity **134**, 633.
Notes on Broken Tube Shaft, USS Connecticut. E.J. Land **157**, 946.
Practical Steam Engineering: 21 Days in the Engine Room. Paul Foley **124**, 1560.
Present Day Problem of Ship Propulsion. L. McNamee **135**, 747.
Problems of Marine Engineering (1916):

166, 2020.
Remarks on Screw Propulsion 117, 165.
School of Marine Engineering Established at U.S. Naval Academy, 1909: 131, 979.
Solving the broken shaft problem 151, 906.
Training of Engineers 139, 1080.
Use and Abuse of Inspection 139, 1080.
Wasted Horsepower and Economical Trim. W.R. White 133, 195.
What Can Be Done to Improve Engineering in Our Navy Today? V.N. Bieg 173, 1463.
Winning the Engineering Competition. B.R. Ware 194, 593.
Marine Engines
Cylinder Diameters of Compound. J.M. Whitham 30, 497.
Relations between Size, Speed and Power. R. Sennett 24, 311.
Marine Fouling
Navy Waging War on the Barnacle (Nbk) 772, 154.
Removing Sea Growth By Water Blasting (Nbk) 758, 172.
Marine Insurance: The Marine Surveyor. J.W. McCurdy 874, 34.
Marine-ism: World Trade and Military Trade-offs. W.H. Willson 778, 84.
Marine Physics: Sea going Laboratory Urged 243, 879.
Mariner and the Arctic. J.E. Plummer 668, 49.
Mariner Class of Merchant Ship, Why Not Another? (ProfNote). E.B. Perry 779, 129. 786, 117.
Mariner (U.S. tug): Lost 182, 917.
Marines
See also: Confederate States Marines.
Great Britain: The Royal Marines. A.P. Willasey-Wilsey 753, 64.
The Marine as an Instrument of Sea Power. J.L. Moulton 873, 28.
Marines at Fort Cho'ojijin, Korea, 1871: See: Cover Pictures—December 1952.
Marines at Quantico: See: Cover Pictures.
Marines Fight Boxers, Peking, 1900: See: Cover Pictures—May 1953.
Marine's Hymn 392, 1484, 1491.
Marine's Hymn, Origin 586, 1341.
Marine Technology: Suffolk College to Teach Sea Technology (Nbk) 737, 147.
Marino, J.T.: A Look at Our LAMPS (Bonsignore) (C&D) 841, 100.
Marion, H.
Homing Pigeons for Sea Service 79, 643.
Pigeons for Sea Service 64, 589. 68, 445.
Pigeons in the Italian Navy 81, 169.
Pigeon Messenger Service 58, 323.
Proposed Naval Messenger Pigeon Service 54, 438.
Mariotte (French submarine)
Loss of the Mariotte 159, 1756.
World's Largest Submarine (1911): 137, 382. 146, 843.
Mariposa (SS) 344, 1418. 346, 1719. 348, 292. 349, 436. 352, 933. 356, 1530.
Marital Difficulties, Personnel 412, 813. 414, 1170.
Maritime Academies, Our Imperiled State. W.B. Hayler 832, 50. 838, 88.
Maritime Administration—U.S.
Maritime Resources for Security and Trade 730, 120.
Ships of the National Defense Reserve Fleet Sail Again (ProfNote). T.A. King 786, 139.
Maritime Administration Vessels, Classification of (ProfNote). J.J. Gelke 777, 133.
Maritime Air Forces Mediterranean (ProfNote). R.W. Blanchard 803, 115.
Maritime Denmark. H.M. Petersen 779, 37.
Maritime Industry: To Use the Sea. L.C. Kendall 838, 58. 845, 89.
Maritime Law: See: Law, international maritime.
Maritime Operation, Three Nations to Take Part in (Nbk) 813, 101.
Maritime Policy: Domestic Shipping and American Maritime Policy (NavRev). W.T. Sansone 855, 162.
Maritime Strategy
Case For: United States at a Strategic Crossroads. S. Turner 836, 18.
The Encircling Sea. J.J. Clark 793, 26. 799, 116, 117. 805, 91.
Maritime Support of the Campaign in I Corps (NavRev). F.C. Collins, Jr. 819, 156.
Maritime Survey: The Sea, 1967-1972. J.D. Hayes 843, 296. 850, 84.
Maritime Transportation: Ships at Sea—Maritime Facts of Life. W.R. Nichols, Jr. 818, 34. 827, 87.
Maritime Unions: Emancipated, Aggravated, Indispensable American Seaman. J.W. McCurdy 795, 58.
Maritime World in 1973 (NavRev). J.D. Hays 855, 242.
Market Time Coastal Surveillance: Trawler! C.R. Stephan 787, 60. 791, 101.
Market Time Patrol Force: Skimmer Ops. J.F. Ebersole 857, 40. 862, 88.
Markham, A.H. 573, 1260.
Markham, E.J. 699, 125. 708, 107.
Command Primer 691, 85.
Markovits, A.S.: Lot Can Happen in 24 Hours (anec) 736, 39.
Marks, L.S. 399, 714.
Marks, T.A.: Professionalism in the Royal Thai Army 839, 46.
Marksmanship
See also: Gunnery; Fire Control; Target Practice.
American Firing Efficiency (1911): 140, 1449.
British Gunlayers Records, 1904: 115, 729.
British Records in Naval Gunnery, 1904: 113, 238.
Camp Perry Records, 1913: 148, 1767.
HMS King Alfred Makes World's Record (1909): 131, 985.
Marksmanship in the U.S. Atlantic Fleet, 1917: 174, 1800.
Marksmanship Records of U.S. Ships (1913): 148, 1767.
World's Gunnery Record, 1911: 139, 1062.
World's Record in Naval Gunnery, 1903: 106, 498.
Marlborough (Eng) 345, 1574. 346, 1716. 347, 125.
Marlow, W.H.: Military Worth (ProfNote) 679, 125.
Marmer, H.A. 357, 1689.
Kuroshio or Japan Current 416, 1426.
Level of Sea 307, 742.
Panama Tides 333, 1003.
Peru Current 433, 358.
Relation of current to wind on U.S. Pacific coast 275, 43.
Relation of wave to wind 346, 1687.
Sargasso Sea 299, 33.
So-called Tidal Wave 357, 1633.
Tide at Annapolis 491, 35.
Tide at Pensacola 476, 1427.
Tide in Philippine Waters 507, 543.
Variety in Tides 373, 373.
Marne (HMS): Sinks U-Boat 187, 2211.
Maroc (Fr) 337, 401.
Marquart, E.J.: New System of Sound Signals in Fog 155, 131.
Marquette (Brit. transport): Torpedoed 160, 2138.
Marquez, Toby
and J.B. Finkelstein: Naval and Maritime Events: July 1970-December 1970 (NavRev) 819, 333.
Mixed-Manning Demonstration (Pict) 749, 87.
Solant Amity (Pict) 727, 80.
Marr, H.L.: Patriotism: the Self-Evident Truths (Mason) (C&D) 832, 103.
Marriage: U.S. Navy vs. the June Bride 711, 114.
Marriage and Family: Sea of Matrimony. P.E. Jerauld 757, 93.
Marryat, F. 378, 1083.
Captain F. Marryat, R.N.H.P. Mead 361, 371.
Marryott, R.F. (BkRev) 764, 134.
Mars (HMS): Explosion Aboard the Mars 102, 385, 428.
Mars (ship) (1782): See: 148, 1461.
Mars Automatic Pistol 101, 161.
Marsden, L.A.
G.I. Payoff 534, 931.
Pipe Line Politics 542, 429.
Sawdust and Smelts 531, 539.
Marseillaise (Fr) 350, 616. 352, 924. 353, 1074. 356, 1524.
Marsh, C.C.: Wanted: A First Aid 137, 59.
Marsh, J.E., and B.J. Janigian: Malacca and the Law (ProfNote) 876, 101.
Marshall, D.B.
and R.D. Moeser: Search and Rescue Helicopter Pilot Training (Pict) 770, 93.
The New DE's (Pict) 761, 100.
Marshall, D.J.
Communications and Command Prerogative 851, 28. 857, 96. 858, 83. 871, 80.
New Tools for Crisis Management (Ware) (C&D) 863, 87.
Marshall, E.E.: Navy in Peace 347, 191. 350, 610.
Marshall, E.M.: Proper Bostonian (anec) 676, 56.
Marshall, E.T.: Boiler Arrangements of Recent British and Foreign Cruisers 93, 203.
Marshall, F.G.: Navy in the Space Age (ProfNote) 678, 132.
Marshall, George Catlett: See: Professionalism: The Hard Choice. F.C. Thayer.
Marshall, J.A.: Polaris Duty: Pinnacle or Predicament? (C&D) 779, 106.
Marshall, J.M. 782, 100, 102.
Black Wake of the Torrey Canyon 778, 38.
Marshall, R.F.: Reflections of Navy Recruiter 554, 405.
Marshall, S.L.A. 640, 663. 686, 121. 719, 139.
Book Review 738, 125. 745, 112.
Chester William Nimitz, 1885-1966 (C&D) 761, 125.
That Makes Two of Us (anec) 835, 30.
Marshall, W.G.: The Airborne Destroyer 853, 26. 857, 83, 84. 859, 102. 862, 89.
Marshall, W.L. 663, 120.
Cruiser, Trophy, Legend 679, 82.
Japanese Treasure Hunt in Manila Bay 661, 37.
Polyurethane Foam, a New Salvage Tool (ProfNote) 791, 132.
Ship Salvage in the Navy (ProfNote) 756, 137.
Unique Use of a Floating Drydock (ProfNote) 752, 133.
Marshall Islands
Bikini Atomic Bomb Tests: See: Atomic Bomb.
Medical Pioneering in Marshalls. A.C. Hohn and F.S. Ashburn 499, 1087.
Sailing Canoes of Marshall Islands 555, 589.
Wright, C.H. 550, 1529.
Marshall Plan: Sea Power: A Commentary (NavRev). J.D. Hayes 807, 337.

Martell, C.B. **641**, 771.
Martelli's Tables **366**, 1171. **370**, 1776. **375**, 651. **385**, 401.
Martelli's Time Method: See: Short and Simple Method of Finding Longitude at Sea. J.P. Jackson.
Martello-like Towers, Japanese (C&D) **850**, 94.
Martens, L.C.A.: Deported **216**, 292.
Marthens, J.F.: Engineroom Orders (anec) **778**, 83.
Martin, Bill: Day the Navy Caught a Zero (Underbrink) (C&D) **795**, 114.
Martin, D.E.: Leave It at Six Cables **701**, 72.
Martin, D.L., and A.D. Nastri: The Foot of a Duck **890**, 24.
Martin, E.H.: Interpreted by WAVE (anec) **561**, 1275.
Martin, G.W.: Trieste--First Ten Years **738**, 52.
Martin, H.P. **436**, 879.
  Excerpt from "The Ships and Captains of the Continental Navy," June 1939: **872**, 29.
  How Riou Saved HMS Guardian (OldNav) **773**, 158.
  Machine Guns--Past, Present, and Future **475**, 1249.
  Modernizing Enlisted Men's Uniform **480**, 199.
  Nelson and Saumarez **563**, 65.
  Remarkable Wreck of HMS Atalante **472**, 811.
  Sea Scouts, B.S.A. **449**, 997.
  Small Arms and Navy **418**, 1753.
  Springfield Rifle **476**, 1393.
  Tragi-Comedy of Corcubion **473**, 982.
  When Monitor Went Down **461**, 927.
  Yankee Packets **421**, 389. **423**, 740.
Martin, H.M.: Service Aircraft **342**, 1039.
Martin, J.A.
  New Fire Hazard (anec) **669**, 29.
  Operation Helping Hand (ProfNote) **812**, 99.
  Time To Get Up (anec) **666**, 35.
Martin, J.S.: Shiphandling with Tugboats in New York Harbor (Pict) **759**, 98.
Martin, J.W.: Military Staff Study (C&D) **736**, 122.
Martin, John: He Changed His Mind Instead (anec) **737**, 60.
Martin, Julius (joint author): See: Walling, Burns T.
Martin, Kenneth W.: Right of Way (anec) **628**, 657.
Martin, M.W.: Underwater to Freedom (ProfNote) **806**, 119.
Martin, P.W.
  Future of Rocket in Naval Warfare **510**, 905.
  Kamikaze! **522**, 1055. **526**, 1589. **529**, 329.
  Russian Navy--Past, Present, and Future **532**, 657. **537**, 1380. **539**, 82. **542**, 485.
Martin, T.G. **782**, 100.
  Big Ten: Our Trident Missile Submarine Class (Kaplan) (C&D) **856**, 99.
  Book Review **805**, 103. **858**, 100.
  Dangerous Maneuvering--The Russian View (ProfNote) **792**, 144.
  Don't Envy the Enemy (C&D) **768**, 113.
  The Encircling Sea (Clark) (C&D) **799**, 116.
  Fishing Boats and Their Bear (C&D) **737**, 112.
  Halfway Measure **803**, 102.
  The Impossible Takes a Little Longer (anec) **763**, 77.
  Legal Use of Force Short of War (C&D) **769**, 112.
  Let's Use Our Intelligence **777**, 56.
  Montreux Convention: Prospects for an Imminent Change (Dur) (C&D) **849**, 99.
  Navy Changes Ship Designations (Nbk) **886**, 84.
  New Ship Design: Lost Identity (C&D) **842**, 84.
  Night Fight Off Oran (Sanders) (C&D) **795**, 114.
  No Contest On the Fishing Grounds (C&D) **789**, 115.
  Of CVAs and VTOLs (ProfNote) **809**, 122.
  "Old Ironsides" Relevant Relic (OldNav) **883**, 106.
  Operational Readiness and Military Requirements (C&D) **743**, 101.
  Pictorial--The Soviet Submarine Force (Wells) (C&D) **832**, 108.
  Soviet Carrier On the Horizon? **814**, 46.
  Soviet Man in the Sea (C&D) **797**, 113.
  The Soviet Naval Air Force (Polmar) (C&D) **892**, 84.
  Soviet Naval Strategy (C&D) **788**, 101.
  Soviet Surface Combatants (Wells) (C&D) **801**, 120.
  To Build a Better Ship on Time (C&D) **765**, 129.
  United States Navy for the Future (Smith) (C&D) **823**, 94.
  Wanted: An Effective ASW Ship (C&D) **732**, 109. **735**, 110, 112, 113.
  What's in a Name? (ProfNote) **857**, 117.
  What's in a Name? (Grassey) (C&D) **847**, 99.
  Who Will Take the RAP? (ProfNote) **802**, 138.
Martin, W.A.P. **314**, 323.
  Chinese Provincial Names **330**, 734.
  Desertion in Time of War **507**, 515.
Martineau, D.L.
  1947--A Very Good Year **895**, 25.
  Present Promotion Situation **534**, 915.
  Split List and Related Problems (ProfNote) **636**, 221.
Martinez, C.R.: Letter from a Friend (C&D) **837**, 87.
Martinique
  America's Undeclared Naval War **715**, 100.
  British Sloop-of-War Diamond Rock. E.C. Kalbfus **298**, 1301.
  His Majesty's Stationary Sloop-of-War. Jac Weller and Sir Frederick Hervey-Bathurst **674**, 73. **680**, 104.
  Martinique in World War II. C. Alphonso Smith **624**, 169. **715**, 100.
  Naval History of Martinique. J.K. Eyre, Jr. **474**, 1115.
  Tragedy of Pelée. F.E. Evans **427**, 1320.
Martinson, E.R., Jr.: New Course for the NROTC (C&D) **773**, 107.
Martinson, G.B. **421**, 406.
  Sea Dog Navigation (anec) **600**, 167.
Marton, G.S.: Sea-Land's New Sweethearts: The SL-7s (ProfNote) **880**, 99.
Martyn, T.J.C.: Flight of Diesel-engined Plane **317**, 638.
Maru: Meaning of the word "Maru". **166**, 2049.
Marvell, George R.: Development of the method of finding a line of position **145**, 211.
Marvin, D.P. **496**, 706. **676**, 108. **687**, 101.
Marx, Hans
  Binnacle from N.B. Palmer **726**, 94.
  Tall Ships Race (Pict) **742**, 82.
  United States Merchant Marine (Pict): Part I: **726**, 79. Part II: **728**, 101. Part III: **730**, 91. **739**, 118.
Marx, K.: Communism **419**, 33.
Marx, W. **252**, 326.
Marx, W.G. **690**, 114.
Marxism: Pure, Enlightened, and Modern Marxism **671**, 111.
Mary
  Letter-of-Marque Ship, of Boston **605**, 787.
  1799: See: Cover Pictures--April 1953.
Maryland
  Aberdeen Proving Ground Exhibit **321**, 986.
  School Ship Considered **346**, 1720.
Maryland (USS) **210**, 1326. **223**, 1442.
  Illustration **179**, 111.
  Illustration showing cellular anti-torpedo construction **196**, 1042.
Mary Rose **338**, 542.
Masaryk, T.G. **293**, 818.
Masaya (ex-Dale) (U.S.) **818**, 65.
Masefield, J.: Queen Mary Launching Poem **382**, 1785.
Masefield, John. M.F. Talbot **368**, 1393.
Masland, J.W. **644**, 1112.
  Japanese-German Naval Collaboration in World War II: **552**, 179.
  Public Opinion and American Pacific Naval Policy **461**, 985.
Mason, A.W.: Graphical Aids to Navigation **271**, 1707.
Mason, Ed: Patriotism: The Self-Evident Truths **828**, 30. **832**, 103.
Mason, J.K.: USS Argonaut and HMCS Rainbow **871**, 85.
Mason, J.T., Jr.: An Interview with J.T. Mason, Jr., Director of Oral History **845**, 42. **849**, 86, 87. **852**, 94.
Mason, Robert: She's All Yours, Mr. Pilot (anec) **687**, 71.
Mason, T.B.M.
  Employment of Boat Guns as Light Artillery for Landing Parties **8**, 207.
  Founder of Office of Naval Intelligence. J.M. Ellicott **589**, 265. **595**, 1025.
  Life-saving at Sea **4**, 77.
  The 100-ton Gun **2**, 101.
  Torpedoes in Steam Launches... C.C. Arnault, Tr. **11**, 79.
  Two Lessons from the Future **2**, 57.
Mason, W.A. **411**, 716.
  Fallacy of Time Sight **383**, 76. **386**, 555, 559. **389**, 1009. **395**, 102.
  Improvised Protractor **366**, 1169. **367**, 1339.
  Marcq Saint-Hilaire **438**, 1171. **440**, 1530. **442**, 1778.
  Navigator's Workbook, Standardized **337**, 331.
  Page Captain Lecky **376**, 754. **381**, 1604, 1605, 1606. **395**, 102.
  Santa Ana or Desert Storm of Southern California **371**, 56.
  Twilight **363**, 690.
  Two Old Sights Rejuvenated **386**, 523.
Mason and Slidell **341**, 870.
Massachusetts (USS)
  (BB-2): **218**, 623. **277**, 464.
  (BB-54) (BB-53--error in Proceedings) Description **199**, 1623.
  (BB-59): **895**, 68.
    "Big Mamie" Goes Home (Nkb) **751**, 151.
Massachusetts
  Martha's Vineyard and Block Island **329**, 616.
  Massachusetts Institute of Technology **339**, 683.
    The Naval Architecture School **150**, 610.
  Massachusetts Nautical School **355**, 1280.
Massey, F.
  Exercise of Command (anec) **581**, 753.
  Incomplete Information (anec) **682**, 81.
Massey, R.J. **568**, 675. **619**, 1041. **725**, 114. **726**, 102.
  Book Review **777**, 116. **827**, 97. **847**, 102.
  First Hundred Days of the New Frontier **702**, 27.
  Joint author: See: H.C. White.
  Naval Efficiency **559**, 1011.
Massive Retaliation: Salvation or--? L.B. Green and J.H. Burt **668**, 23.
Master Mariner to Master Submariner? E.F. Oliver **770**, 40. **774**, 106. **776**, 103, 104.

Master's License: Merchant Marine Licenses: Tickets Worth Having. W.B. Hayler **821**, 53. **830**, 98. **835**, 95.
Masterton, Paul: Rule 27 (ProfNote) **736**, 140.
Masts
Bellerophon (HMS) has tower similar to American basket masts (1908): **128**, 1329.
Delaware (USS) First to have skeleton masts **129**, 300.
Skeleton Mast Tests, 1912: **144**, 1680.
Tripod **288**, 206.
Vibration Destructive to British Masts (1913): **148**, 1752.
Mataafa, Samoan King: Sword, Hurricane Services **442**, 1827.
Matagalpa (ex-Osborne) (U.S) **818**, 65.
Matais, J.A.: Quiet Crisis in the Silent Service (Thamm) (C&D) **832**, 111.
Matanuska Coal Fields: See: Downey, J.O. **148**, 1680.
Match Book Covers Hobby **541**, 353.
MATCH MAKER: Exercise Match Maker (ProfNote). D.V.M. Macleod **755**, 139. **763**, 114.
Material
Excellence of Naval Material. F.S. Craven **271**, 1573, 1740. **272**, 1961. **273**, 2164. **278**, 715.
Improvement in War Material **77**, 217.
Influence of Material on Naval Operations. H.C. Bywater **236**, 1677.
Interrelated Methods for Distribution of Materials and Fabricated Parts. J.C. Ten Eyck **486**, 1077.
Material Administration Aboard Ship. R.B. Carney **425**, 963.
Material Aspects of Air Navigation. L.D. Webb **355**, 1285.
Material Procurement Planning. H.L. Pence **346**, 1653.
Material Readiness: U.S. Navy--Middle Age Spread. J.C. Bussert **844**, 18. **849**, 92.
Navy Material Inspection Service. G.C. Manning **402**, 1143.
Navy Yards as Industrial Establishments. G.A. Bisset **233**, 1107.
Raw Materials Distribution. W.H. Wendel **479**, 81.
Mathematics
Addition-subtraction logarithms. L.M. Berkeley **336**, 207, 279. **347**, 109. **350**, 592.
Book Review **336**, 279. **339**, 705.
Fixing Decimal Point. F. Green **258**, 1292.
Mathews, J.J.: New Naval Ordnance Plants **500**, 1217.
Mathews, R.S., Jr.: Is Military Unionization An Idea Whose Time Has Come? (Kane) (C&D) **890**, 76.
Mathews, W.R. **603**, 561.
Age of Continents **635**, 55.
To Build a Bigger Ditch (C&D) **779**, 102.
Mathis, H.L.: No Medal This Time (anec) **666**, 35.
Matilda Wattenbach (Br.): See: Cover Pictures--May 1962.
Matloff, M. **675**, 105.
American Quest for National Security **723**, 84.
Prewar Military Plans and Preparations, 1939-41: **605**, 741.
Soviet Union and the War in the West **637**, 261.
Was the Invasion of Southern France a Blunder? **665**, 35.
Matossian, M.K. (BkRev) **778**, 125.
Matson, W.A., II
Dead Horse (anec) **593**, 755.
Leadership Council Works **709**, 59. **714**, 113. **718**, 109.
Seven Year Itch **662**, 75.
Two-Crew Ship: Precommissioning to Deployment **752**, 68.
Matsumoto, K. and M. Chihaya **613**, 334. **695**, 114. **702**, 111.
Design and Construction of Yamato and Musashi **608**, 1103.
Matsushima (Jap. battleship): Magazine Explosion **126**, 723. **136**, 1142.
Matter of Judgment. T. Taylor **665**, 70.
Matthews, C.A. **591**, 566. **594**, 914.
Matthews, Francis P. **852**, 94.
Matthews, J.H.: It Seemed Like a Good Idea (anec) **792**, 81.
Maughan, R.L.: Maughan Spans Continent Between Dawn and Dusk (ProfNote) **259**, 1560.
Mauhs, J.S. **707**, 119.
Mauldin, D.B.
Midway Today (Pict) **693**, 91.
Naval Air Station Whidbey Island (Pict) **702**, 95.
Pacific Barrier **668**, 63.
Second Battle of Midway **703**, 43.
Maumee (SS): Diesel Engine Trials **168**, 399. **173**, 1517.
Maupin, J.M.: Pick Up at Sea **597**, 1239.
Maurais, G.J.
Honors Are Honors (anec) **595**, 1003.
When Smoking Lamp Was Out...of Order (anec) **593**, 767.
Maurer, H.: Can the graduation of the compass into points be dispensed with? L.N. Feipel, Tr. **154**, 1659.
Maurer, M. **576**, 200.
Coppered Bottoms for United States Navy, 1794-1803: **508**, 693.
Mauretania (SS) **261**, 1897. **324**, 151.
Description **118**, 739.
Transatlantic Records **129**, 319.
Maurice, J.W. **298**, 1301.
Maurice, R.P. **669**, 104. **680**, 102. **684**, 98.
Problems in Revising the Rules of the Road (ProfNote) **676**, 129.
Maury, M.F. **341**, 995.
See also: Cover Pictures--December 1955.
Advice to Midshipmen **298**, 1354.
Arctic Disaster: Maury's Motivation. A.C. Brown **779**, 78.
Centennial of Pressure-Pattern Navigation. J. Lyman **541**, 309. **544**, 759.
First American Oceanographer. W.J. Cromie **734**, 56.
Herndon, Maury, and the Amazon Basin. J.P. Reddick, Jr. **817**, 56. **829**, 109.
Matthew Fontaine Maury. Lewis Coxe **269**, 1193.
Maury and the Russian Grand Duke (OldNav). F.J. Anderson **834**, 68.
Maury's Genius Shown in Old Letter. G.E. Brandt **269**, 1196.
Monument at Goshen Pass, Va. **294**, 930.
Naval Scientist. O.E. Klapp **513**, 1315.
Naval Scientist the Russians Wanted **665**, 113.
Pathfinder of the Seas. J.F. Hellweg **359**, 93.
Poem by M.J. Preston on Bronze Tablet at Goshen Pass, Va. **299**, 65.
Report of Loss of the Central America and Herndon (SecNote) **299**, 84.
Science of the Sea (SecNote) **393**, 1733.
Two early proposals for naval education. W.O. Stevens **145**, 130.
Maury, R.H.: Scrambled Report (anec) **575**, 51.
Maury Center for Ocean Science: New Ocean Science Center Established (Nbk) **778**, 153.
Maury (USS): Launched **186**, 1861.
Maver, William J.: Wireless Telegraphy: Status and Prospects **102**, 439.
Mavor, H.A.
Electric Drive... **140**, 1462.
Marine Propulsion by Electric Motors **133**, 291.
Maxam, O.M.: Life-saving Stations, Coast Guard **315**, 374.
Maxim, H.P.: Electric Welded Projectiles **62**, 251.
Maxim, Hudson
On stability of smokeless powder **136**, 1145.
Plan for torpedo-proof ships **174**, 1857.
Quoted as saying aerial bombing is "childish" idea **134**, 635.
Maxim Gun **835**, 72.
Maximilian, Emperor of Mexico. Execution of. See: Feipel, L.N. **160**, 1909.
Maximite **101**, 144.
Maxims
Constancy of Fundamental Military Considerations. H.M. Hayter **435**, 714.
Modern War and Ancient Maxims. W.D. Puleston **514**, 1435.
Maxson, W.L.: Weir's azimuth diagram **345**, 1542.
Maxwell, A.E. (BkRev) **741**, 116.
May, E.F. **461**, 1009. **464**, 1463.
May, R.E. **692**, 113.
Digital Computers in Weapons Control (ProfNote) **731**, 126.
Let's Gear Training to the Job (C&D) **737**, 105.
Lump Sum Retirement Payment (Dombroff) (C&D) **805**, 89.
Spirit vs. Morale in the Modern Navy (C&D) **869**, 77.
May, W.E.
Feasibility of the Franklin Piloting Technique (Brown) (C&D) **805**, 99.
U-Boats With Wings (C&D) **788**, 110.
Maya (Jap) **335**, 114. **337**, 400. **351**, 774.
Mayaguez (U.S.)
"Mayday" for the Mayaguez **885**, 93. **897**, 84.
Proper Prior Planning and the Next Mayaguez (C&D) **870**, 85.
Mayath, T.B.: Casual Matter of Interest (anec) **536**, 1183.
Mayberry, D. **471**, 707. **481**, 412.
Mayer, W.S., Jr. **495**, 573. **500**, 1269.
May Flint (U.S.): The Old Iowa's Ram (OldNav). C.J. Hoffman **862**, 64.
Mayflower: 1620: See: Cover Pictures--November 1955; Plymouth Colony Beachhead.
Mayflower (U.S.): Passing of the Mayflower (SecNote) **315**, 474.
Mayflower (U.S. yacht): President's Yacht. R. Holmes **537**, 1347.
Mayhew, D.F. **509**, 834. **553**, 355. **559**, 1059. **594**, 908.
Invisible Fire Hydrant (anec) **590**, 415.
Maynard, B.W. **202**, 2097.
Maynard, E.H.: Feminine Logic (anec) **670**, 84.
Maynard, F.T.: Room for Improvement (anec) **610**, 1303.
Mayo, C.B.
American Diplomacy in Far East **347**, 57.
Ship Administration **335**, 57.
Stonewall Jackson from a Naval Viewpoint **178**, 2893.
Study of History for Naval Officers **225**, 1755.
Mayo, G.D.: Breakthrough in Navy Training (ProfNote) **749**, 134.
Mayston, R.: Training of Engineer Students **92**, 940.
Mazatlán, Incident at (OldNav). W.F. Stuhldreher **799**, 150.
Mazet, R., Jr.: Fisherman's Paradise--Settler's Hell **423**, 717.
Mazet, H.S. **427**, 1347. **449**, 1025. **488**, 1363. **493**, 320. **505**, 329. **624**, 213. **627**, 595.
America's Aeronautical Pioneers **373**, 309.
Book Review **875**, 85.
Excerpt from "The Navy's Forgotten Hero," March 1937: **872**, 44.
Fighter Planes versus Gunboats **489**,

Mazet, H.S. (Cont.)
Fighter Planes (Cont.) 1465.
First Above Battle Smoke **616**, 655.
Man-Killers of Ages **415**, 1289.
Navy's Forgotten Hero **409**, 347.
Tragedy and Confederate Submarines **471**, 663.
Truth of Hampshire Affair **460**, 791.
Mazour, A. **622**, 1403.
Mazzuoli, A.: Note on the probability of gunfire **126**, 663.
Meacham, J.A.
Mine as a Tool of Limited War **768**, 50. **772**, 103, 105. **773**, 107. **776**, 106.
Mine Countermeasures Ship (ProfNote) **782**, 128.
Whatever Became of the Mine? (C&D) **757**, 115. **760**, 117.
Mead, F.C.: Modern Destroyer Bridge Design (C&D) **787**, 103.
Mead, H.P. **405**, 1621. **577**, 321. **583**, 992. **620**, 1159.
Captain F. Marryat, F.N. **361**, 371, 470.
Earliest English Signal Book **394**, 1819.
History of International Code **378**, 1083.
Signaling in English Marine Art **654**, 837.
Mead, Hilary **662**, 107.
Meade, J.F.
Buoys Will Be Buoys **837**, 74. **841**, 108. **846**, 91. **850**, 93.
Great Territorial Sea Squabble **794**, 45.
Loran Stations--Leadership Laboratories (ProfNote) **756**, 126.
Meadows, P.L. **368**, 1489. **369**, 1635.
Meaford (SS): Sinks Submarine **175**, 2130.
Meaney, C.D.: Seismic Intelligence Protects Hawaii **568**, 655.
Meany, William B.: Letters regarding the USS America **142**, 748.
Measurement: Nautical Mile **565**, 327.
Moody, A.B. **561**, 1257.
Mechanic (U.S. schooner) **408**, 224.
Mechanical Engineers: Earnings **281**, 1453.
Mechanical Instrument Repair and Calibration Shops (ProfNote). M.R. Travalio **775**, 139.
Mechanisburg, NSD. W.V. Kennedy **640**, 649.
Mechanism of Modern Naval War. C.H. Cramp **84**, 689.
Mechanization
Effect of Mechanization and Motorization on Tactics. H.D. Harris **375**, 609.
Mechanization in Aid of Landing. H.D. Harris **382**, 1735. **387**, 707.
Naval Tactics for Land Warfare. G.J.B. Fisher **403**, 1295.
Meckel, Hans: Radar and the U-Boat (C&D) **738**, 123.
Medal or Court Martial? D.J. Carrison **625**, 277.
Medals and Decorations
See also: Decorations.
Above and Beyond (ProfNote). J.W. Warner **821**, 106.
Bits of Ribbon. D.A. Frost **383**, 60. **387**, 708.
Campaign and Service Medals--Their History and Tradition. P.W. Rairden, Jr. **555**, 515.
Congressional Medal of Honor **512**, 1225.
Honored in War, Honored in Peace. F.J. Nelson **520**, 833.
Japanese, for French Officers **357**, 1679.
Medal of Honor Regulations **641**, 768.
Medals and Insignia for U.S. Soldiers in France **184**, 1324.
Naval and Military Decorations. G. Richards **339**, 575. **340**, 857.
Russia Decorated Non-Combatants. S.H. Kinney **614**, 413.
War Decorations. Dion Williams **194**, 493.
Wearing Medals **430**, 1740.
Mediator (HMS): 1782: **148**, 1461.
Media vs. the Military: The Military and the Media. J.M. White **857**, 47. **863**, 82.
Medical Congress, London, 1881, International. Resolutions Adopted **20**, 323.
Medical Corps--U.S. Navy
Doctors and Dentists, Nurses and Corpsmen in Vietnam (NavRev). F.O. McClendon, Jr. **807**, 276.
Navy Medicine, A New Prescription. P.A. Flynn **816**, 42. **820**, 92. **821**, 96. **824**, 96. **830**, 99. **834**, 89.
The Next War: A Prescription. Ben Eiseman **863**, 32.
Pictorial. C.L. Waite **817**, 64.
State of Health of Navy Medicine. P.A. Flynn **834**, 45.
Medical Officer and Expeditionary Boat Duty, Naval. J.C. Wise **71**, 620.
Medical Research: Naval Medical Research Units (ProfNote). M.L. Fitts **760**, 145.
Medicine and Surgery
Advance of Naval Preventive Medicine. E.H. Gleason **661**, 66.
Advice to Fellow-Middle-Agers. J.B. Kaufman **371**, 50.
Atomic Warfare Medicine. E.P. Cronkite **583**, 933.
Blood Bottled for Defense. R.P. MacHatton **455**, 33. **459**, 756.
Blood Donors for U.S. Forces. R.P. MacHatton **465**, 1604, 1615.
Blood For Our Fighting Men (ProfNote). W.C. Parrish **798**, 136.
Blood Program, National. C.C. Shaw **599**, 51.
Bureau of Medicine and Surgery: Brief History. L.H. Roddis **554**, 457.
Cancer Begins at Forty. L.W. Johnson **385**, 329.
CHD--The Heart of Military Readiness. W.V.R. Vieweg and D.A. Lee **844**, 49. **850**, 90.
Coronary Sclerosis. G.W. Calver **379**, 1214.
Damage Control of Minds. W.H. Michael **473**, 986.
Delta Med, A Fitting Memorial. F.M. Burkle, Jr. **813**, 35.
Doctors for Armed Forces. L. Pugh **611**, 33.
Drug Abuse in the Navy. J.A. Pursch **809**, 52. **820**, 93.
Education for Retirement. L.W. Johnson **481**, 387.
Field Decontamination Station. R.D. Heinl, Jr. **495**, 553.
Field Equipment: Army's Portable, Inflatable Hospital (Nbk) **775**, 155.
Fifty-Two Years of Physical Fitness (ProfNote). R.K. Moxon **720**, 141.
Final Hazard. Reginald Hargreaves **645**, 1175.
Flight Surgeon. C.C. Yanquell **883**, 46. **887**, 85.
Frozen Blood Called Success (Nbk) **768**, 148.
Hospital Ship, Fleet. L.W. Johnson **415**, 1225. **419**, 97.
Hospital Ship, Function of. H.K. Gray **517**, 367.
Hospital Ships, Value and Employment of. L.H. Roddis **509**, 777.
Human Mechanism and Submarine. E.W. Brown **453**, 1608.
The Influence of Medical Considerations on Modern Naval Warfare (NavRev). P.A. Flynn **891**, 170.
Influence of Weather, Combat Status and Overcrowding on Incidence of Disease and Accidents Aboard Naval Vessels. M. Morales and E. Tarver **540**, 211.
Laboratory Ship for Naval Medical Research. J.M. Steele **521**, 941.
Matter of Involvement (ProfNote). W.P. Thomas **818**, 104.
Medical Battle Bills. H.J. Alvis **489**, 1461.
Medical Care of Naval Families. G.F. Cottle **428**, 1431.
Medical Manpower Problems: Give Up or Train Up? (C&D) **853**, 102.
Medical Pioneering in Marshalls. A.C. Hohn and R.S. Ashburn **499**, 1087.
Medical Service in Amphibious Operations. J.W. Jamison **587**, 23.
Naval Medical Officer as a Naval War College Student (C&D) **845**, 90.
Naval Medical Officer, the Worst of Both Worlds. F.E. Dully, Jr. **803**, 60. **808**, 101, 102, 103. **809**, 97, 98, 99. **810**, 100. **813**, 86. **815**, 85.
Naval Surgeon Afloat During Nelson's Time. C.B. Camerer **394**, 1804.
Naval Surgeon Pioneer. L.F.S. Horan **555**, 573.
Navy Medicine, A New Prescription. P.A. Flynn **816**, 42. **820**, 92. **821**, 96. **824**, 96. **828**, 104. **829**, 107. **830**, 99. **834**, 89.
Navy Medicine 1973? **727**, 94.
Navy's Medical Research and Development in World War II. C.A. Eichelberger **527**, 1.
Physical Examinations, Birth Month. J.R. Poppen **531**, 551.
Physical Fitness. J.H. Ingram **467**, 9.
Physical Fitness in the Sea Services. Paul Morosky **824**, 58.
Physical Prowess and Leadership. J.M. Kennaday **377**, 947.
Pleasure and Pain of 1918. W.H. Michael **382**, 1705.
Preventive Medicine: Limes, Lemons, and Scurvy. C.C. Lloyd **744**, 72. **748**, 120.
"Pro Bono Medico." C.C. Shaw **547**, 1099.
Prognosis for Navy Medicine. C.L. Waite **826**, 32.
Recent Advances in Atmospheric Hygiene in Navy. E.E. Metcalfe **545**, 877.
Sanitation, Dark Side of. L.W. Johnson **548**, 1217. **551**, 97.
Sanitation Hoomalimali. L.W. Johnson **501**, 1381.
Scurvy, Influence of, upon Maritime History. L.H. Roddis **445**, 330. **448**, 917. **450**, 1167.
Scurvy: Million Seamen Were Slain. L.W. Johnson **584**, 1029. **588**, 198.
Seasickness, Suggested Attack on. W.H. Michael **478**, 1747.
Ship's Medical Officer Prepares for Battle. T.M. Downs **503**, 23.
State of Health of Navy Medicine. P.A. Flynn **834**, 45.
Strategy and Tactics, Medical. G.F. Cottle **395**, 82.
Survival of Navy Medicine. D.L. Custis **858**, 35. **862**, 81. **864**, 84. **865**, 73.
Team Studies Medical Lore (Nbk) **729**, 135.
When Smallpox Struck (OldNav) **823**, 78.
Who's Disabled? W.W. Dinegar **650**, 405.
Why Am I Not Fit to Fly? J.R. Poppen **400**, 811.
Why Not a Naval Medical School? J.L. Whatley **747**, 64. **751**, 116.
World War, Medico-Military Progress during. J.A. Millspaugh **421**, 380.
Yellow Fever, Thanks to. E.A. Fay **598**, 1343.
Yellow Jack, Master of Strategy. L.W. Johnson **572**, 1075. **577**, 321. **579**, 539.
Medie (SS): Torpedoed **179**, 172.

Mediterranean
The Italian Communists: Sixth Fleet Threat? N.H. Grosz, Jr. **896**, 24.
Italian Strategy in the, 1940-43. Giuseppe Fioravanzo **667**, 65.
Mediterranean Balance of Power 1935-1957. W.E. Barnes **661**, 53.
Mediterranean Becoming Soviet Lake? (Nbk) **812**, 102.
Mediterranean, Bridge or Barrier? I.W. Zartman **768**, 63.
Mediterranean Convoys in World War II. M.A. Bragadin **564**, 143. **568**, 679.
Mediterranean Fleet: See: Sixth Fleet.
Mediterranean Squadron under Commodore Edward Preble in 1803-4. Operations of the. J.R. Soley **7**, 51.
Mediterranean Theater: Iron Curtain By-Pass. G.C. Reinhardt and W.R. Kintner **604**, 603.
Mediterranean World, 16th Century: Andrea Doria: Soldier of the Sea. Brown Taylor **823**, 47.
The Montreux Convention...A Perennial Soviet Ticket to the Mediterranean (ProfNote). J.A. Gregoire **893**, 115.
Naval Watch in the Mideast. G.W. Henderson and P.B. Ryan **893**, 66.
Why a U.S. Fleet in the Mediterranean? (NavRev) Horacio Rivero **891**, 66.
Mediterranean Sea
Command of. **321**, 991.
Countering the Soviet Threat in the Mediterranean. Stansfield Turner and George Thibault **893**, 25.
Mediterranean Geopolitics. L.B. Blair **576**, 135. **588**, 199.
Montreux Convention: Prospects for an Imminent Change (ProfNote). P.A. Dur **845**, 110. **849**, 99. **852**, 95.
NATO's Southern Region: Problems and Prospects. Means Johnston, Jr. **863**, 47.
New Problems. W.P. Crozier **259**, 1585.
Persistence of Egyptian Factor in Mediterranean Strategy. C. Moran **459**, 695.
Red Star Over the Southern Sea. P.R. Schratz **808**, 22.
Sea of Decision. A. Talerico **571**, 941.
Sea Power **284**, 2107.
Sixth Fleet (Pict) **591**, 544.
Sixth Fleet, Versatile. W.H. Hessler **591**, 469.
Soviet Navy in the Mediterranean. F.M. Murphy **769**, 38.
Strategic Analysis of the Eastern Mediterranean and the Black Sea (NavRev). C. Margaritis **843**, 112.
Those Storm-beaten Ships, Upon Which the Arab Armies Never Looked. F.C. Miller **865**, 18. **874**, 76.
U.S. Sixth Fleet: Search for Consensus. P.A. Dur **856**, 18.
View From the Bridge of the Sixth Fleet Flagship. I.C. Kidd, Jr. **828**, 18. **830**, 91. **837**, 97.
Medusa (It.) **348**, 291.
Torpedoed and Sunk **157**, 1040. **158**, 1371.
Meduse (Fr.) **350**, 617. **356**, 1525.
Medway (HMS) **308**, 904. **318**, 718.
Mee, J.H., Jr.: Proceedings Cover--USS Quincy (CA-39) (C&D) **844**, 89.
Meehan, J.F.: The Soviet Marines (Pritchard) (C&D) **842**, 87.
Meeker, H.H., Jr.: Naval Reserve: Hawaii 4.0: **825**, 58.
Meeker, L.C.: Well Grounded in Piloting (anec) **723**, 153.
Meese, G.E.: Catamaran: Shape of Things to Come (ProfNote) **858**, 105.
Megee, V.E.: Genesis of Air Support in Guerilla Operations **748**, 48.
Mehmel, C.H.: Conning the Computer **872**, 94. **876**, 81. **882**, 75.
Mehta, D.R.
India as a Prospective Partner (C&D) **739**, 109. **742**, 113.
Still in the Dark (anec) **761**, 81.
That's What He Said (anec) **770**, 92.
Meier, H.A. (co-author): See: J.W. Kehoe.
Meigs, J.F. **423**, 737. **457**, 402. **482**, 563. **495**, 574.
Curves of Pressure in Guns **35**, 743.
An Essay on the Tactics of the Gun as Discoverable from Type Warships **47**, 655.
Japanese Sea Power **492**, 121.
On the Combustion of Gunpowder in Guns **33**, 321.
On the Velocity of the Wind **2**, 17.
Researches on the Effects of Gunpowder (Tr.) **28**, 1.
Target Practice **57**, 67.
The War in South America **10**, 461.
Meigs, John F.
Bethlehem Steel Co.'s Breech Mechanism (1902): **101**, 73.
Erosion of Guns **123**, 1001.
Rangefinding in the Navy **107**, 737.
Meigs-Hammar Breech Mechanism **101**, 146.
Meijer, W.M.: Steam Installation of SS Statendam **328**, 549.
Meinig, G.R., Jr.
New Role for an LSMR (anec) **782**, 59.
Vulcan/Phalanx: An Effective Close-in Weapon System? (Rizzuto) (C&D) **888**, 78.
Meister, Jurg **608**, 1133. **617**, 809.
Soviet Navy in World War II: **654**, 839.
Mekong Delta--geography and economy: Rung Sat Special Zone, Vietnam's Mekong Delta (ProfNote). A.C. Smith, Jr. **782**, 116.
Melberg, L.C.: Finnish Icebreakers (Landtman) (C&D) **799**, 108.
Melbourne (HMS): Launched; description **143**, 1126.
Melgaard, J.L. **558**, 948. **561**, 1298.
Melich, M.E. (Co-author): See: Ray Peet.
Mellette, W.W.: LSO--Is He the Carrier's Forgotten Man? (ProfNote) **707**, 141.
Mellin, W.F., Jr.: The Amphibious Force: A Ready Political Instrument **894**, 40.
Melling, R.E.: No Rest for the Band (anec) **842**, 45.
Mellor, M.W.: Breaking in Our "Boots" (NAMB) **875**, 78.
Melot, H.F.: Method of Airplane Propulsion **273**, 2202.
Melson, L.B.: Contact 261 **772**, 26.
Melville, G.W.
Causes for Adoption of Water-tube Boilers in the U.S. Navy **92**, 896.
Rear Admiral George Wallace Melville as Man and Engineer-in-Chief of Navy. G.W. Grupp **543**, 613.
Melville, Herman: See: Cruise of the Neversink (OldNav).
Melville, Phillips
USS Forrestal (CVA-59)--September 1961 Cover.
Lexington--Brigantine-of-War, 1776-1777: **686**, 51.
Lexington Engages Edward--April 1960 Cover.
Prince de Neufchatel--July 1963 Cover.
Salute at 'Statia **700**, 70.
See also: June 1961 Cover.
Melville-Macalpine speed-reduction gear. Description **133**, 290.
Memel, E.S.: Coming From Behind (anec) **671**, 97.
Memoirs: Strongest Memory Is Weaker Than Palest Ink. R.C. Parker **563**, 59.
Memorabilia: See: Naval Customs and Traditions; Naval Literature.
Memorials and Monuments
See also: Trophies and Relics.
Destroyer Memorial (C&D) **857**, 100. **860**, 87. **866**, 82.
Farragut Memorial Window. Committee Appointed **148**, 1787.
Langley Memorial. Illustration **144**, 1491.
Memorial window in N.A. chapel. David D. Porter. (illus.) **125**, 309.
Proposed National Naval Memorial (C&D) **821**, 93.
The Roosevelt Memorial. B.A. Fiske **198**, 1303.
Submarine Memorials (Pict.) G.M. Hagerman **829**, 77. **832**, 107. **833**, 93. **835**, 93.
The Tripoli Monument (OldNav). D.W. Smith **827**, 72.
Memphis (USS) **283**, 1802. **347**, 123.
End of Ex-USS Memphis. R. McClintock **427**, 1273.
Loss of the Memphis **165**, 1662.
Salvage Operations on the Memphis **169**, 593.
Wreck of USS Memphis. T. Withers **185**, 1459.
Men, Better Iron, for Navy. L.J. Gulliver **328**, 527.
Menander, J.: Navigation of Columbus **278**, 665.
Menard, Wilmon: Least of Lincoln's Brethren **840**, 59.
Mendenhall, W.K.: Retardation of Ship's Speed in Turning **271**, 1719.
Mendl, W.V. **292**, 685. **308**, 899. **316**, 528. **355**, 1350. **356**, 1515. **360**, 278. **362**, 573. **382**, 1753. **401**, 1036. **405**, 1624. **406**, 1771. **410**, 555. **414**, 1213. **415**, 1313. **416**, 1479. **424**, 892. **426**, 1183. **429**, 1645. **434**, 576. **435**, 729. **443**, 97. **444**, 255.
Corsairs **268**, 1001.
Mendoza (Arg. DD) **308**, 904. **330**, 755. **337**, 403.
Men in the Middle. J.M. Purtell **798**, 61. **802**, 107. **803**, 104, 105. **804**, 99. **805**, 95.
Menke, A.G.: Sensor Accuracy Check Site (ProfNote) **844**, 111.
Menocal, A.G.: Channel Improvement, Washington Navy Yard **22**, 627.
Menon, K.R.: Covering the Bag-man (anec) **856**, 62.
Menu Planning. J.H. Skillman **455**, 83.
Mercer, D.D.
Baltic Sea Campaign, 1918-20: **715**, 64.
Experiences of Naval Port Director 1939-45: **564**, 181.
Last Sortie of German Fleet **363**, 671.
Ships vs. Forts-Dardanelles **356**, 1453.
Sledge Hammers, Lance Bombs, and Q-Ships **698**, 76. **705**, 111, 112.
Mercer, P.V. **361**, 435. **581**, 763.
Merchant Marine **251**, 151. **324**, 170. **329**, 672. **680**, 101.
See also: Shipbuilding; Ships.
Accord Reached on Merchant Marine Naval Reserve Program (Nbk) **740**, 143.
Administration, Shore, of Shipping Company. M. Radom **422**, 563.
Advanced and Automated U.S. Ships (Nbk) **745**, 141.
Aliens as officers of U.S. merchantman **174**, 1834.
All-welded freighter **357**, 1671.
Alternatives **290**, 462.
America in International Carrying Trade. A.H. Haag **380**, 1363.
American Export-Isbrandtsen Quits CASL (Nbk) **743**, 140.
American Flag Services **332**, 949.
American Foreign Trade. J. Klein **277**, 539.
American Foreign Trade and American Merchant Marine. F.J. Cleary **335**, 91.
American Institute of Shipping **334**, 1141.
American Merchant Marine and World

Merchant Marine (Cont.)
American Merchant Marine (Cont.)
War III. J.J. Collins **638**, 406.
American Merchant Marine Essential. A.C. Dalton **284**, 2070.
American Merchant Marine--It Had Past; Has It Future? E.B. Perry **540**, 145.
American Oceanic Doctrine. Robert McClintock **804**, 46.
American Shipping. W.L. Jones **218**, 606.
American Shipping In Post-War Era. A.M. Tode **487**, 1213.
America's Economic Dependence on Foreign Trade. W.B. Howe **284**, 1927.
Analysis of U.S. Merchant Marine, 1918: **187**, 2118.
Apathy, Ignorance, and Economics. H.H. Holly **576**, 175.
Are We Raising a Frankenstein? F. Janson **329**, 598. **335**, 107.
Aspects of Merchant Marine Act of 1928. W.F. Jacobs **341**, 892. **344**, 1402.
Automation, the Bitter Pill. V.R. Carlson **777**, 37. **780**, 106. **781**, 115, 116.
Austria's Shrunken Merchant Fleet (1919): **194**, 639.
Aviation, Transatlantic, as an Adjunct to Merchant Shipping. W.H. Coverdale **422**, 487.
Awash in Manpower Problems. W.M. Miller, III: **836**, 61.
Balanced Merchant Fleet **203**, 126.
The Banana Navy (Pict). Robert Carl **886**, 55.
Billion Dollar Business **332**, 956.
Business Men Urged to Aid U.S. Shipping (Nbk) **766**, 176.
Cadet Corps, Maritime Commission. H.H. Dreany **467**, 42.
Cadet, Merchant Marine. W. Rairden **387**, 626.
Capable of Serving as a Naval and Military Auxiliary..." (NavRev). L.C. Kendall **819**, 210.
Census of American Merchant Seamen (1916): **164**, 1319.
Chart of shipping lines and funnel markings **422**, 632.
Coal-burning Ships **344**, 1418.
Coast Guard Activities with Merchant Marine in World War II. P.J. Halla **528**, 179.
Commerce and Flag. C.D. Wilbur **296**, 1049.
Commerce Destruction--Past and Future. F. Pratt **381**, 1513. **384**, 251. **386**, 553. **393**, 1691.
Compromise Bill **304**, 501.
Conferences **251**, 118. **275**, 168. **276**, 356. **313**, 241. **452**, 1525. **454**, 1835. **463**, 1364. **480**, 305. **488**, 1409.
Congress Opposes "Cruises to Nowhere." **350**, 622.
Construction **342**, 1116. **348**, 315. **349**, 436. **350**, 622. **354**, 1228. **355**, 1378. **357**, 1680. **358**, 1836.
Construction Costs **325**, 236. **335**, 114. **345**, 1577. **346**, 1706.
Construction Loans **349**, 437.
Construction Methods **228**, 301. **282**, 1639. **327**, 446. **335**, 114. **343**, 1263, 1265. **345**, 1577. **346**, 1719.
Contemporary American Cargo Ship Construction **698**, 107.
Cooperation with Navy **346**, 1720, 1745.
Cost per ton of the U.S. merchant fleet **198**, 1444.
Decade of Transition--Our Early Steam Navy and Merchant Marine. R.T. Merrill **595**, 1005. **598**, 1367, 1371. **601**, 319.
Deck officer training for Merchant Marine. T.W. Sheridan **346**, 1637. **348**, 317. **351**, 745.
Decline of Our Merchant Marine (1915): **159**, 1670.
Decrease in Ships **351**, 777.
Defense **270**, 1541.
Development of Continental Shipping, 1870-1916: **178**, 2989.
Disarmament and Trade. B.A. Fiske **224**, 1539.
Do We Really Need a U.S. Merchant Marine? E.B. Perry **753**, 59. **760**, 121.
Duluth-Superior: Second U.S. Port **354**, 1228.
Eastern Fleet, Return of. J.C. McNairn **471**, 751.
Economics of Cargo Ship Design. Lane C. Kendall **623**, 79.
Economy Expensive **352**, 944.
Education, officers **362**, 575, 577. **363**, 738. **366**, 1189.
Education of Merchant Marine Officers **355**, 1277. **358**, 1801.
Effect of Prohibition Ruling **238**, 2173.
Farmer and Merchant Marine. L. McNamee **296**, 1062.
First National Shipping Policy. J.P. Baxter **210**, 1251.
Flag on Sea **279**, 999. **292**, 690. **307**, 790.
Flags of Convenience: Maritime Dilemma. Ira Dye **708**, 76. **711**, 122, 123. **721**, 110.
Flags of Whose Convenience? J.J. Clark **788**, 50. **791**, 108, 110. **794**, 109. **796**, 101. **797**, 116. **802**, 120.
French Merchant Marine Plans (1919): **200**, 1770.
French Merchant Navy, 1917: **174**, 1772.
Future of Merchant Marine. A.H. Haag **284**, 2043.
Gargantuan Tankers, Privileged or Burdened? E.F. Oliver **811**, 39. **817**, 90.
German Vessels Acquired **202**, 2086.
Government-owned Merchant Marine. L.C. Palmer **272**, 1944.
Great Lakes' Ships **355**, 1379.
Hall of American Merchant Shipping (ProfNote). E.J. Long **751**, 146.
History, Brief, of American Merchant Marine. R.R. Gurley **422**, 499.
Hoover's Views **279**, 1000.
IMCO, An Assistance to the American Merchant Marine. L.W. Goddu, Jr. **766**, 70.
Importance **331**, 881.
Improving Our Merchant Marine Personnel **152**, 1254.
Inactive Ships in James River **221**, 1109.
Intership Communication--Its Importance in War and Peace. J.W. Welch **405**, 1597. **408**, 254.
Introducing Into High Schools **422**, 587.
Iron Ore Traffic on Great Lakes. W.R. Harkins **621**, 1227.
Is America At Sea? A.H. Haag **308**, 891.
Is It Possible? B. Livingston **422**, 571.
Italian Merchant Marine in 1914: **151**, 848.
Italian Ship Subsidy, 1916: **165**, 1684.
Jones Act Has Real Benefits (Nbk) **870**, 118.
Jones-White Merchant Marine **210**, 1332. **250**, 2077. **302**, 320. **305**, 604. **329**, 647.
Keeping the Flag on the Seven Seas. D. Erskine **187**, 2112.
Labor **215**, 103. **346**, 1706.
Labor Situation, Maritime, Some Observations on Pacific Coast. R.D. Lapham **425**, 969.
Lack of Tonnage Handicaps. A.H. Haag **296**, 1090.
Lapse of Our Merchant Marine. E.A. Walsh **315**, 455.
Lasker's Recommendations **246**, 1354. **247**, 1518.
Legislation Affecting Load Line **325**, 202.
Liberty Fleet Day **464**, 1516.
Liberty Ships Up for Bids (Nbk) **733**, 151.
Licensed Personnel
Manpower and the Merchant Marine. Joseph Locetta **809**, 26. **814**, 86. **816**, 87.
Wartime Training for Merchant Marine Officers (ProfNote). J.W. Schute **817**, 102. **821**, 98. **823**, 95.
License Examinations **408**, 255. **413**, 1019. **416**, 1473.
Lights: Vessels at Anchor **342**, 1117.
Liners As Warships **328**, 545, 547, 551. **333**, 1050. **334**, 1140. **342**, 1109. **346**, 1708.
Liners Beyond Arms Conference. H.C. Bywater **278**, 769.
Liners, Ocean: Compared **324**, 151.
Lloyd's Register **335**, 116.
Luxury Liners: Bright Future (Nbk) **732**, 152.
Mahan's Message on the Merchant Marine. E.G. Campbell **687**, 92. **691**, 112, 113. **896**. 107, 108.
Mail Contracts: Data **347**, 127.
Maintenance Cost **344**, 1418.
Manning Our Merchant Fleet **187**, 2117. **188**, 2390.
The Marine Surveyor. J.W. McCurdy **874**, 34.
Maritime Administration Replacement Program **687**, 101.
Maritime Resources for Security and Trade **730**, 120.
Measurement of Tonnage **355**, 1379.
Merchant Fleet Figures Released by U.S. MarAd (Nbk) **841**, 126.
Merchant Fleet Measure Signed (Nbk) **803**, 139. **811**, 96.
Merchant Fleet Shrinks, U.S. (Nbk) **808**, 133.
Merchant Fleet on the Ohio. W.H. Hessler **640**, 611.
Merchant Marine
Ceves, A.F. **291**, 570.
Grumsky, C.E. **298**, 1271. **301**, 220.
Merchant Marine Academy **487**, 1284.
Bright Prospects at Academy (Nbk) **748**, 162.
Graduates: Stranded Like Beached Whales (C&D) **894**, 64.
In Defense of Trade Schools. R.A. Hall **533**, 801. **535**, 1105.
Kings Point. G.C. Stedman **494**, 389.
Pictorial Section. V.J. Lugowski **569**, 781.
Tode, A.M. **321**, 959.
Merchant Marine Act of 1970
An Act of Faith and Hope. David Bess **865**, 43. **869**, 81.
Emery, S.W., Jr. **817**, 38.
Merchant Marine Act, 1936: Summary **403**, 1348.
Merchant Marine and National Defense. J.J. Collins **508**, 645.
Merchant Marine and National Security. A.F. Schade **695**, 84. **704**, 120.
Merchant Marine and the Navy
Nixon, Lewis **134**, 587.
Roberts, T.G. **133**, 1.
Merchant Marine and Navy Linked (Nbk) **814**, 102.
Merchant Marine Auxiliary. L.C. Kendall **854**, 86. **858**, 79.
Merchant Marine--Awash in Manpower Problems (C&D) **851**, 82. **858**, 85. **866**, 82.
Merchant Marine Bulletin **352**, 944.
Merchant Marine Faces Grave Problems, U.S. (Nbk) **810**, 127.
Merchant Marine, Federal Maritime Commission and the American (ProfNote). John Harllee **811**, 84.
Merchant Marine Goes to "War" for NATO (Nbk) **792**, 156.

Merchant Marine Inspections: Major Function of Coast Guard. H.F. Crouch **545**, 823.
Merchant Marine Licenses: Tickets Worth Having. W.B. Hayler **821**, 53. C&D: **830**, 98. **835**, 95.
Merchant Marine Manpower **819**, 224.
Merchant Marine Midshipmen Ponder a Bleak Future At Sea (Nbk) **832**, 124.
Merchant Marine Officer Training. F.E. Cross **346**, 1641.
Merchant Marine (Our), The Causes of its Decline, and the Means to be taken for its Revival. Prize Essay, 1882. J.D.J. Kelley **19**, 3.
Calkins, C.G. **19**, 35.
Chadwick, F.E. **19**, 75.
David, W.G. **19**, 151.
Wainwright, R. **19**, 121.
Merchant Marine: Rationalize or Nationalize. L.C. Kendall **826**, 37. C&D: **835**, 96.
Merchant Marine Status Summary (Nbk) **722**, 157.
Merchant Marine: Subsidies and Competition. J.J. Clark and M.T. Norton **767**, 70. **771**, 116. **772**, 110. **773**, 113, 114, 115. **775**, 107.
Merchant Marine: Value in Peace and War. L.M. Overstreet **296**, 1094.
Merchant Mariner Looks at Navy. C.W. Sandberg **562**, 1343. **574**, 1375.
Merchantmen, Navy Considers Logistical Use of (Nbk) **835**, 118.
Merchant Officer Training Stepped Up (Nbk) **767**, 135.
Merchant Ship Is No Lady. E.B. Perry **601**, 281. **609**, 1249.
Merchant Shipping Data (NavRev) **807**, 466. **843**, 364.
Merchant Shipping Data as of 1 January 1975: **867**, 280.
Merchant Ships: Take a Number, Please (ProfNote). John Freestone **865**, 100.
Merchant ship subsidy systems. C.W. Cook **271**, 1787.
Merchant skippers, types of. Fitzhugh Green **190**, 2779.
Merchant Tanker Fleet (Pict) **650**, 428.
Mergers **346**, 1719. **348**, 292.
Military transports: Costs **348**, 291.
Mineral Imports and Merchant Marine in National Emergency. E.G. Campbell **535**, 1085.
Mobilization of Shipping for War. G.S. Staring **603**, 495.
Modernization of Ships **334**, 1141.
SS Naess Voyager--Flag of Convenience Ships (ProfNote). J.D. Hayes **764**, 157. **771**, 118, 119. **775**, 109.
Nationality of U.S. merchant crews **200**, 1790.
National merchant marine policy. C.W. Cook **269**, 1298.
National merchant marine vital to national policy. A.C. Dalton **296**, 1065.
National Strategy and Merchant Marine. G.D. Synon **570**, 877. **572**, 1139.
NATO's Planning Board for Ocean Shipping (ProfNote). R.J. Barrett **806**, 124.
Naval Policy and Sea-borne Commerce. D.W. Knox **320**, 853.
Navigation Laws, Modernize, for Merchant Marine. E.B. Ellis **422**, 568.
Navy and, in behalf of amity. H.W. Baldwin **330**, 737.
Navy and the Merchant Marine. J.W. Aber, Jr. and P.W. Garber **805**, 40. **813**, 89. **814**, 85.
Navy and Merchant Marine. E.W. Eberle **284**, 1931.
Navy Apologies on Merchant Fleet View (Nbk) **750**, 149.
Navy Resumes Naval Reserve Merchant Marine Program (Nbk) **847**, 121.
Navy's Relation to Commercial Shipping. O.H.M. McPherson **313**, 190.
Needs **222**, 1297. **232**, 1031. **245**, 1197.
Neglect of the Human Element (ProfNote). R.P. Cort **719**, 153.
New American. T.V. O'Connor **332**, 917.
New Savannah. F.O. Braynard **684**, 71.
New Thinking Lost to "Cost" Reason (Nbk) **770**, 152.
New Track to Orient. A.O. Lustie **393**, 1607.
New York's Income from. **344**, 1418.
1964 World Shipping Tonnage Up (Nbk) **744**, 158.
Oceanography and the U.S. Merchant Marine. H.B. Stewart, Jr. **800**, 68.
Officers. R.H. Wright **435**, 728.
Officers on Ships of American Registry. P. Seymour **393**, 1661.
Official plan for merchant marine. E.N. Hurley **195**, 823.
Of Tankerships and Tankermen (ProfNote). S.W. Emery, Jr. **868**, 101.
126th Ship Leave Mothball Fleet for Vietnam Service (Nbk) **764**, 170.
On the other side of mast. J.M. Creighton **321**, 948.
On Strengthening Our Merchant Marine. R.C. Hill, II: **593**, 757.
Optimistic **279**, 1002. **323**, 62.
The Other Revolution. R.P. Holubowicz **812**, 42.
Our Imperiled States Maritime Academies. W.B. Hayler **832**, 50. **838**, 88.
Our Marine Industries at Crossroads. H.H. Holly **542**, 467.
Our Merchant Fleet Is In Trouble. E.B. Perry **711**, 79. **720**, 116, 118, 119. **730**, 120.
Our Merchant Marine is Dying...and nobody seems to care. C.R. Wilhide **724**, 31. **730**, 115.
Our new merchant marine. W.S. Benson **284**, 1941.
Our Oceanic Ills. J.W. Welch **440**, 1417.
Our Privately Owned Merchant Marine Today and Tomorrow (ProfNote). E.B. Perry **711**, 148.
Overdue--Presume Lost. E.F. Oliver **697**, 98. **704**, 113, 114, 115.
Passengers **351**, 778. **355**, 1379.
Pay **201**, 1921. **220**, 947. **261**, 1894.
Peace-time Navy and Merchant Marine. P.V.H. Weems **236**, 1731.
Personnel **204**, 285. **206**, 630. **213**, 1848. **218**, 603. **224**, 1638. **228**, 299. **239**, 157. **243**, 868. **291**, 589. **321**, 993. **329**, 648. **331**, 858. **333**, 1036. **338**, 542. **345**, 1575. **346**, 1720. **356**, 1531.
Personnel. F.E. Cross **239**, 71. **242**, 669.
Personnel, American, for American Merchant Ships. T.C. Conwell **408**, 171, 247. **413**, 1017. **416**, 1474.
Personnel of Our Merchant Marine (1916): **163**, 950.
Personnel Problem, Merchant Marine. J.G. Stapler **411**, 688. **415**, 1315. **420**, 257.
Personnel Problem, Some Aspects of, in Our Merchant Marine. G.J. Rowcliff **422**, 507.
Policy **237**, 1969. **247**, 1519. **293**, 802. **303**, 401. **324**, 150.
American-Flag Merchant Marine Mite (ProfNote). E.B. Perry **770**, 140.
Merchant Marine Policy. R.T. Merrill **422**, 475. **425**, 1037.
Political and Legal Aspects of Nationalist China's "Port Closure." R.C. Wing **567**, 499. **572**, 1137.
Port Disaster Study Released (Nbk) **802**, 157.
Power, Speed, and Fuel **343**, 1264.
President Nixon's Message to Congress on the U.S. Merchant Marine (NavRev) **807**, 354.
President's Message, 1925: **276**, 354.
Press Comments **245**, 1198.
Prize Essay, 1882. Discussion **21**, 473.
Problems of American Shipbuilder. H.G. Smith **311**, 57.
Problems of the U.S. Merchant Marine **702**, 102.
Propelling Machinery **350**, 623.
Protection of Commerce in War. B. Anderson **594**, 881.
Protection of Merchant Shipping: Forgotten Lessons. E.R. Summerfield **739**, 40.
Recruiting for the Emergency Fleet **175**, 2093.
Replacement Program for Subsidized Freighters (ProfNote). E.B. Perry **726**, 128.
Replacement Program, Shipping, Necessity for. H.G. Smith **422**, 539.
Revival of the American Merchant Marine. E. Ellsberg **138**, 563.
Role in National Economy. E.A. Walsh **404**, 1397.
Safety in Operations, 1938--New Safety Era in American Merchant Marine. E.C. Holden, Jr. **425**, 990. **428**, 1492.
Salient Points and Plain Facts Concerning. A.H. Haag **404**, 1447.
Sea-borne Commerce of U.S. E.W. Eberle **296**, 1060.
Sea-Land's New Sweethearts: The SL-7s (ProfNote). G.S. Marton **880**, 99.
Seaman Data System Could Air Hiring (Nbk) **788**, 158.
Sea Power. H.H. Frost **296**, 1102.
Sea Power: A Commentary (NavRev). J.D. Hayes **807**, 337.
Sea Power and Pocketbooks. D.W. Knox **274**, 2231.
Sea Power, Foundation of Successful World Trade. Y. Stirling, Jr. **388**, 767. **393**, 1685.
Seatrain Lines **348**, 292. **352**, 933. **354**, 1228. **357**, 1680.
Second element in sea power. T.D. Robinson **284**, 1919.
75-Year Forecast for Ship Needs (Nbk) **789**, 155.
A Ship, A School and A Century of Learning (ProfNote). G.J. Nolan **862**, 102.
Shipbuilding
Outlook for British Shipbuilding. A.C.F. Henderson **280**, 1184.
Protection of American Shipbuilding. F.P. Paleu **270**, 1532.
Ship Manning: How Far Should We Go in Cutting (C&D). E.B. Perry **769**, 116. **776**, 103.
Shipowner Must Mend His Ways. S.A. Wheeler **422**, 552.
Shipping and Hemispheric Cooperation **646**, 1329.
Shipping and Shipbuilding in the U.S. (1917): **178**, 2978.
Shipping Line Proposes Nuclear Merchant Fleet (Nbk) **743**, 140.
Shipping Problem. C. Conard **280**, 1083.
Shipping Terms Common to Merchant Marine and Informative to Navy (ProfNote). E.B. Perry **647**, 109.
Ships for What? H. Trott **445**, 321. **451**, 1319.
Shipyards--Biggest Weakness in Our War Potential? A. Halsey, Jr. **581**, 737. **590**, 438.
Should We Scrap Our World War II Merchant Marine Reserve Fleet? **690**, 110.
Signaling and U.S. Merchant Marine. J.W. Welch **395**, 79. **397**, 410. **399**, 714. **407**, 103. **414**, 1166.
Sine Qua Non of U.S. Sea Power: the Merchant Ship. J.D. Hayes **745**, 26. **748**, 115, 116, 117. **752**, 102, 106,

Merchant Marine (Cont.)
Sine Qua Non of U.S. Sea Power (Cont.) 107, 108.
Some Modern Cargo Ships (Pict) **623**, 86.
South American Shipping Combine, 1917: **171**, 995.
Standard Oil Company: Tankers commissioned **351**, 777.
Statistical Analysis of the World's Merchant Fleets (ProfNote). E.B. Perry **666**, 136.
Statistics **202**, 2086. **205**, 459. **206**. 629. **213**, 1848. **216**, 269. **217**, 419. **228**, 301. **233**, 1213. **239**, 158. **249**, 1913. **277**, 538. **306**, 693. **308**, 913. **309**, 1004. **326**, 343. **339**, 682. **343**, 1264. **344**, 1418. **353**, 1081.
Statistics, Comparative **201**, 1922. **212**, 1678. **219**, 754. **223**, 1450. **235**, 1594. **236**, 1803. **269**, 1294. **271**, 1785. **274**, 2392. **283**, 1802. **319**, 812. **325**, 246. **332**, 957.
Steamship Companies Get Navy Tankers (Nbk) **760**, 170.
Stepping on a pet toe **301**, 250.
Subsidies **229**, 504. **237**, 1972. **239**, 157, 185. **255**, 832, 834. **271**, 1787. **328**, 552. **333**, 1041. **342**, 1110. **345**, 1576. **346**, 1720.
Subsidies, American Shipping. L.C. Kendall **422**, 526.
Subsidies: Information re **353**, 1083. **356**, 1530.
Subsidy Bill, Officers and Ship **413**, 1019.
Table showing number, type, and tonnage of U.S. Shipping Board vessels, March 1918: **182**, 846.
Tanker Charter Market. N.T. Adams **758**, 82.
Tanker Operation and Management. L.C. Kendall **650**, 416.
Time to Secure the Seas. F.B. Case **846**, 24. C&D: **853**, 101. **858**, 96.
Tonnage Idle **356**, 1531.
Tonnage of U.S. Registered Vessels June 30, 1915: **160**, 2083.
To Use the Sea. L.C. Kendall **838**, 58. **845**, 89.
Trade. D.W. Knox **297**, 1207.
Training, Merchant Marine. C.L. Bisbee **443**, 26.
Training, Merchant Marine, 1917-20. M. Radom **467**, 22.
Training Merchant Marine Personnel. A.O. Lustie **391**, 1255.
Training Program, Maritime Commission. F.R. Francke **460**, 797.
Training, Proposed, for Merchant Marine Replacements. E.B. Ellis **436**, 868.
Uncle Sam, Pilot for American Shipping. A.H. Haag **320**, 861.
Uniform Markings **194**, 666.
A Union Leader Looks at the Merchant Marine (NavRev). Paul Hall **855**, 178.
Unions: Our Merchant Mariners and Their Unions (NavRev). E.P. Lunsford, Jr. **867**, 66.
U.S. Citizens in U.W. Ships **349**, 437. **355**, 1380.
U.S.C.N. K.C. McIntosh **200**, 1699.
U.S. Effective Control Fleet (NavRev). S.W. Emery **807**, 158. **808**, 110.
U.S. forbids sale of American registered ships **169**, 586.
U.S. Goods in U.S. Ships **341**, 976. **342**, 1118. **349**, 437.
U.S. Merchant Marine and National Defense. W.C. Ford **657**, 1178.
U.S. Merchant Marine and Obsolescence. E.B. Perry **659**, 62. **665**, 104, 106.
U.S. Merchant Marine at Close of War **191**, 112.
U.S. Merchant Marine--For Commerce and Defense (NavRev). J.D. Chase **879**, 130.
U.S. Merchant Marine in 1916: **166**, 2045. 1919: **200**, 1791.
U.S. Merchant Marine Personnel (1918): **180**, 414.
United States Merchant Marine (Pict) Hans Marx: Part I: **726**, 79. Part II: **728**, 101. Part III: **730**, 91. **739**, 118.
U.S. Merchant Tonnage Increase (1915): **158**, 1301.
U.S. Navy and Foreign Merchant Shipping (SecNotes) **829**, 5. **835**, 86.
U.S. Ship Industry Urged to Rebuild (Nbk) **743**, 139.
U.S. Shipping Board plan for merchant navy **172**, 1285.
U.S. Shipping Census (1915): **161**, 247.
U.S. Shipping Emergency of the Seventies (NavRev). G.H. Miller and M.C. McLean **831**, 142.
U.S. Ship Tonnage Down to 7 Percent (Nbk) **776**, 148.
Utilization of, in war **297**, 1222.
Vessels Builts Abroad **335**, 114.
Wage Scale of Merchant Marine Officers (1919): **192**, 276.
War Work **207**, 774.
Well Disciplined Merchant Marine. H.F. Crouch **550**, 1467. **556**, 705. **557**, 824. **561**, 1294.
What Ails Our Merchant Marine. L. Di Palma **422**, 549.
What the Shipping Board Has Done **184**, 1313.
World Ocean Fleet Since '45 (Nbk) **729**, 139.
World's Freight Carriers, 1910: **136**, 1195.
World Shipping Industry Subsidies **722**, 120.
World's Merchant Ship Launchings, 1915: **163**, 995.
World's Tonnage, 1906: **119**, 1150. 1908: **125**, 369. 1915: **159**, 1671. 1917: **177**, 2647. 1918: (Spet.) **189**, 2687.
World's Tonnage and the European War **198**, 1458.
World War I and Our Merchant Navy. O.J. Clinard **510**, 919.
World War II, Merchant Marine in (Pict) **562**, 1403.
Merchant Marine--Foreign
Australia **209**, 1116.
British **219**, 749. **228**, 301. **248**, 1731. **346**, 1719. **348**, 290. **349**, 428. **351**, 778. **352**, 933. **354**, 1219. **355**, 1380.
Armed Merchantmen **152**, 1198.
Arming British Merchantmen, 1915: **156**, 687.
British Merchant Marine Academy (1917): **174**, 1787.
British Merchant Marine and the Commerce Destroyer (1906): **119**, 1152.
Cunard Awards Queen Contract (Nbk) **745**, 139.
Cunard Line: Deficit **351**, 778.
Cunard Will Not Compete in Superliners (ProfNote). E.B. Perry **710**, 142.
Future of British Merchant Marine **169**, 564.
List of British Armed Merchantmen (1913): **150**, 528.
Merchant Aircraft Carrier **670**, 123.
Merchant Vessels of England to be Armed (1913): **146**, 854.
Training for British Merchant Service **153**, 1496.
China
Red China Orders Ships from Britain (Nbk) **745**, 139.
Cuba: Merchant Fleet in Cuba Expands (Nbk) **747**, 159.
France **203**, 99. **208**, 918. **211**, 1497. **212**, 1651. **221**, 1091. **231**, 806. **238**, 2174. **247**, 1505. **323**, 63. **325**, 246. **352**, 932. **354**, 1229. **357**, 1680.
SS France--Biggest Since Normandie (ProfNote). H.C. Reese **710**, 143.
Germany **202**, 2099. **222**, 1282. **227**, 100. **228**, 280. **233**, 1194. **238**, 2174. **248**, 1732. **258**, 1344. **308**, 929. **326**, 341. **349**, 438. **350**, 622. **351**, 778. **354**, 1229. **356**, 1531.
See also: Ships, Interned; Shipbuilding.
German Merchant Marine Building Contracts (1919): **200**, 1772.
German Merchant Marine in 1914: **161**, 228.
German Nuclear Ship Work To Begin Soon (Nbk) **721**, 146.
German Shipping Losses in the European War **172**, 1243.
Germany as Shipmate **213**, 1843.
Germany's Merchant Fleet in 1919: **194**, 645.
Germany's Merchant Navy in 1918: **186**, 1857.
How Germany's Prewar Tonnage is Being Apportioned **199**, 1618.
Post-War Prospects for German Merchant Marine **172**, 1242. **175**, 2047.
Greece
Greek Line Buys the America (Nbk) **743**, 143.
Soviet-built Ship Joins Greek Fleet (Nbk) **757**, 160.
Italy **240**, 340. **293**, 805. **342**, 1110. **349**, 438. **350**, 622. **351**, 778. **354**, 1229.
Japan **207**, 761. **209**, 1122. **215**, 109. **219**, 751. **228**, 287. **229**, 467. **231**, 820. **233**, 1203. **242**, 692. **279**, 977. **287**, 93. **292**, 697, 698. **323**, 63. **345**, 1576. **350**, 622. **357**, 1680.
History. H.A. McCormick **401**, 1007.
Japanese Merchant Marine in 1907: **127**, 1065. 1917: **177**, 2626.
Japanese Ship Combine in 1914: **152**, 1206.
Japanese Shipping Needs, 1917: **169**, 566.
Japanese Subsidy for Panama Canal Line (1914): **151**, 858.
Japan's Mercantile Fleet (1918): **179**, 148.
Japan's Merchant Marine, 1919: **194**, 655.
Japan's Merchant Marine and the Pacific **166**, 2046.
Japan's Merchant Marine and the Pacific **166**, 1046.
Japan's Merchant Navy, 1905: **115**, 749.
Japan's Phenomenal Shipbuilders. Sadayoshi Nakayama and Masataka Chihaya **762**, 26.
Lost Merchant Fleet of Japan. S.A. Wheeler **646**, 1295.
School Ships, Sailing, of Japan. J. MacMullen **435**, 669.
Tank-Ship Operation at High Speeds. B.O. Lisle **420**, 211.
Trade, World, Japan's Drive for. D.W. Knox **380**, 1414.
Netherlands **225**, 1846.
Norway: Norwegian Merchant Fleet (Nbk) **723**, 162.
Panama: Merchant Marine of Panama as American Asset. E.S. Land **617**, 726.
Poland: Polish Shipbuilding Plans 1956-1970 (Nbk) **752**, 150.
Portugal **231**, 849.
Russia **231**, 849.
Coming Cold War on the Sea Lanes. Desmond Wettern **714**, 64.
Expansion of Soviet Merchant Fleet (Nbk) **746**, 150.
Floating Dock for Russia (Nbk) **748**, 162.
Lend-Lease Fleet. B.M. Kassell **591**, 537.
Red Robot Cargo Ships (Nbk) **728**, 165.

Russia to Build Super-Tankers (Nbk) **745**, 139.
Shipping Gains by Soviets Forecast (Nbk) **736**, 165.
Soviet Maritime Establishment. F.A. Nemec **742**, 26.
Soviet Merchant Fleet Tripled (Nbk) **720**, 158.
Soviet Merchant Marine. B.M. Kassell **685**, 70.
Soviets Deny Effort to Control Shipping Market (Nbk) **748**, 160.
Soviet Ship Order (Nbk) **743**, 140.
Sweden Building 10 Ships for Soviets (Nbk) **744**, 158.
Tovarishch: the Trailbreaker (C&D): **840**, 85.
Spain **283**, 1839.
Spain Expects Big Cuban Ship Construction Order (Nbk) **752**, 148.
Sweden **248**, 1732.
Switzerland: Swiss Merchant Navy on the High Seas. W.N. Larkin **638**, 426.

Merchant Marine--Merchant Seamen
Emancipated, Aggravated, Indispensable American Seaman. J.W. McCurdy **795**, 58.
Merchant Seamen. F. Riesenberg **351**, 663.
Neglect of the Human Element (ProfNote). R.P. Cort **719**, 153.
Our Merchant Mariners and Their Unions (NavRev). E.P. Lunsford, Jr. **867**, 66.
Pay of Merchant Seamen **552**, 225. **557**, 823.
Seamen Are Drawing Vietnam Bonus (Nbk) **752**, 147.
Training for Sea Termed Outdated (Nbk) **778**, 155.

Merchant Ships
Adapting Ocean Steamers to Inland Waterways. C.J. Plummer **473**, 929.
America's Forgotten "Crockery" Fleet. J.C. McNairn **466**, 1740.
ARAPAHO--Emergency Helo Cover for Merchantmen (ProfNote). J.J. Mulquin **849**, 113. **853**, 103.
Cargo Handling Problems, New Approach to. R.P. Holubowicz **602**, 421.
Classification Societies. H.M. Heiser **408**, 220. **415**, 1313.
Definition **294**, 930.
Funnel Markings **422**, 632.
Great Lakes, Specialists of. E.W. Wunch Jr. **401**, 995.
Merchant Ship Escort (C&D): **851**, 83.
Merchant Shipping Data (NavRev) **855**, 304.
Merchant Ship Is No Lady. E.B. Perry **601**, 281. **609**, 1249.
Merchant Ships, America **39**, 645.
Merchant Ships Sinking at Rate of One a Day (Nbk) **837**, 117.
Merchant Steamers and War Requirements. J.H. Biles **91**, 682.
Navy and First U.S. Ocean Mail Ships. L.J. Gulliver **439**, 1264.
Our Shipping Renaissance. B. Livingston **441**, 1554. **444**, 308.
Panama Flag Vessels **589**, 321.
Push-Button Ship, Mormacargo, Is Here (Nbk) **734**, 149.
Reactivated Ships on Vietnam Duty (Nbk) **752**, 148.
Seizure in War: Jus Angaria. T.W. Sheridan **408**, 159.
Steam Schooner Sagas. J.C. McNairn **473**, 943.
Tank-Ship Operation at High Speeds. B.O. Lisle **420**, 211.
Uniform Tonnage Measurement. R.T. Merrill **586**, 1297. **590**, 439. **592**, 668.
U.S. Seeking Costs on Nuclear-Powered Merchant Ships (Nbk) **856**, 119.
Vessels Building **422**, 599.

Mercuric Azide **218**, 622.
Mercury (SS): Sunk by Mine **164**, 1366.
Merdinger, C.J.
Civil Engineers, Seabees, and Bases in Vietnam (NavRev) **807**, 254.
Forget Pearl Harbor! (anec) **889**, 55.
Under Water at Pearl Harbor **886**, 48.
Meredith, J.C.
The LCR Mark II (ProfNote) **693**, 141.
Mogmog Revisited **636**, 152.
Operation Bovine **570**, 885.
Mereness, R.H.: How Are Things With You? (anec) **837**, 67.
Meridian Altitude and Reduction Constants. J.E. Gingrich **298**, 1285.
Meriwether, G.K., III: Apartheid: Shadow Over South Africa (Rondeau) (C&D) **886**, 86.
Meriwether, W.S.
Admirals as Diplomats **457**, 378.
Remembering Maine **543**, 549.
Santiago--Forty Years After **430**, 1765. **432**, 250.
Meriwhether, J.T.: California Hospitality (anec) **828**, 47.
Merlin (HMS): Description **101**, 110.
Mermaid (Brit) **384**, 161.
Merriam, H.P.: A New Percussion Fuze **65**, 127.
Merrick, R.S. **459**, 709.
Merrill, A.S.
Double Martini (anec) **676**, 47.
First Contacts--Glorious Cruise of Frigate Essex **444**, 218.
Height of Nonchalance (anec) **645**, 1202.
SOS--Signalman Specialist (anec) **672**, 45.
Merrill, G. **464**, 1466.
New Aviation Insurance Plan **412**, 818. **415**, 1320, 1323.
Merrill, J.M.
Battle for Elizabeth City, 1862 (OldNav) **649**, 321.
Greely Relief Expedition, 1884: **583**, 969.
Weehawken (USS)--Gallant Iron Ship (OldNavy) **692**, 162.
Merrill, R.T.
Decade of Transition--Our Early Steam Navy and Merchant Marine **595**, 1005. **598**, 1367, 1371. **601**, 319.
Merchant Marine Naval Reserve **434**, 463.
Merchant Marine Policy **422**, 475. **425**, 1037.
Role of Coast Guard Within Navy **522**, 1075.
Uniform Tonnage Measurement **586**, 1297. **590**, 439. **592**, 668.
What Can We Do? **160**, 2003.
Merrill, S.D.B. **663**, 113.
Merrimack (CSS) **232**, 863. **288**, 198. **341**, **877**. **429**, 1648.
Monitor-Merrimac Legend. A.C. Smith **445**, 385.
Our Navy's Worst Headache, the Merrimack. A.L. Demaree **709**, 67. **711**, 120. **716**, 109.
Sea Power in the Civil War **709**, 106, 107.
Merrimac (USS) **345**, 1518. **346**, 1746.
See also: Farenholt, A. **128**, 1279.
Collier Merrimac. F.J. Buenzle **452**, 1447.
Merrimac (collier) at Santiago **876**, 54.
Metamorphosis of the. E. Snow **345**, 1518. **346**, 1746.
Merritt, R.G.: Deeply Involved (anec) **640**, 601.
Merritt, W.C.: Golden Hind--December 1960 Cover.
Merzhauser, Peter: Night Fight Off Oran (Sanders) (C&D) **795**, 114.
Mesopotamia: Airlift to Kut. A.P. Sights, Jr. **827**, 50.
Mess
See also: Diet; Cooking; Emergency Ration.
Cafeteria Afloat. E.D. Foster **407**, 19.
The Cafeteria System in the Fleet **175**, 2096.
Consolidated Mess of Crew of Indiana. B.C. Decker **83**, 463.
Discussion **83**, 566. **84**, 745.
Converting the commissary department of a merchant vessel to that of a troop ship. G.R. Crapo **190**, 2741.
Cruiser Wardroom Mess, Running. W.J. Lederer **429**, 1567.
Eating Through Years. J.H. Skillman **457**, 361.
Evolution of Naval Victualling **141**, 370.
Evolution of Navy Ration. J.H. Skillman **382**, 1678.
Fleet Issue of Provisions. M.A. Peel, Jr. **481**, 358.
Food and Theory of Probability. E.U. Condon **371**, 75, 97, 98.
France Abolishes the Sale of Beer by the Mess **142**, 754.
General **464**, 1463.
Gun room mess wine-bills in British Navy **126**, 716.
Higher Education for Officers' Stewards and Cooks. C.J. Harter **409**, 321. **412**, 868.
Home on Ocean Wave. E.B. Strauss **438**, 1165.
Keeping Accounts of Officers' Mess. B.H. Brooke **174**, 1755.
The Korea's Wardroom Mess. C.F. Goodrich **112**, 695.
Menu Planning. J.H. Skillman **455**, 83.
The Modern General Mess. G.P. Dyer (illus) **118**, 621.
Modern Mess. A. Hovey-King **120**, 1563.
Navy Ration (OldNav). R.M. Anderson **758**, 186.
Officer's Mess Expenses in British Navy, 1907: **123**, 1301.
Officers' Messes. E. Murphy **174**, 1739.
Over- and under-issues on small ships. J.B. Ewald **153**, 1401.
Prevention of Graft in Officers' Mess. G.M. Adee **155**, 139.
Providing Food for Officers' Messes. G.R. Venable **174**, 1745.
"Ration Dense" Feeding (ProfNote). P.C. Russell **722**, 154.
Recent Changes in British Messing and Canteen Methods **126**, 667.
Report of British Committee on Cooking in Royal Navy, 1908: **126**, 715.
Salt Horse to Sirloin. N.W. Sharpe **615**, 515. **619**, 1041.
Sawdust and Smelts. L.A. Marsden **531**, 539.
Scientific Administration of the Navy Ration. D.B. Wainwright **154**, 1673.
Ship's General Mess **148**, 1589.
Sober Reflections on a Mess Night. J.T. Bonner, Jr. **849**, 51.
Supply Fleet for 150 Years. J.W. Crumpacker **508**, 705.
U.S. Naval Messing System, 1916: **164**, 1323.
Wardroom Mess. J.M. Sheehan **400**, 842. **414**, 1169.
Messegee, J.A.
(Mayaguez Incident) The Patrol Squadron Skipper **885**, 94.
Messerschmitt Active in MRCA Fighter (Nbk) **798**, 156.
Messier Channel. (photo) **130**, 458.
Messing our Men-of-War, A Proposed System. D. Delehanty **47**, 739.
Messoudiyeh (Turk. battleship): Description **105**, 279.
Messudiyeh (Turk. BB) **242**, 647.
Metal-clad airship. C.V.S. Knox **330**, 741.
Metallography: the Latest Aid in Inspecting Metals. J.F. Daniels **152**, 1085.
Metallurgy **282**, 1621.

X-rays in Metallurgy **197**, 1258. **200**, 1802.
Metals, Measuring the Extension of. Dion Williams **65**, 120.
Metcalf Coaling System. Trials **112**, 861. **113**, 251.
Metcalfe, E.E.: Recent Advances in Atmospheric Hygiene in Navy **545**, 877.
Meteorology
See also: Old Navy. Clipperton Operation.
Aerial Observations **342**, 1121.
Aerograph, Upper-Air Soundings by. F.J. Nelson **390**, 1140.
Aerological Developments, Navy's Part in Modern. T.J. O'Brien **385**, 385.
Aerological Plotting Board **247**, 1557.
Aerological Science for All. C.R. Coates **500**, 1249.
Aerological Survey of Atlantic **308**, 909.
Aerology and Chemical Warfare. T.J. Raftery **362**, 559.
Aerology and Hawaiian Flight. E.W. Stephens **384**, 209.
Aerology and Navy. A.E. True **354**, 1116.
Aerology, History of, in Navy. F.J. Nelson **374**, 522.
Aircraft Reconnaissance in Tropical Storms. C.R. Coates **547**, 1127.
Airship **305**, 600.
Analysis of transatlantic flights. L.C. Ramsey and E.H. Kincaid **295**, 986.
Apia Hurricane of 1889. J.A.C. Gray **688**, 35. **693**, 105.
Arctic Drift Stations. J. Cadwalader **722**, 67.
Atmospheric Control. W.J. Kotsch **581**, 723.
Automatic Weather Station. C.R. Coates **535**, 1097.
Barometric Pressure Changes, Interpreting. T.J. Raftery **385**, 358.
Berth 124, Destroyer Pier One. H.O. Webster **651**, 489.
Britain's Ocean Weather Service (ProfNote). D. Wettern **669**, 132.
Can Mid-Latitude Storms Be as Severe as Tropical Typhoons and Hurricanes? (ProfNote). W.V. Burt **664**, 127.
Carbon, Oxygen, and a Rising Sea. P.B. Yeager **667**, 51.
Charting Upper Air **297**, 1226.
Cyclones, Structure of Tropical. A.E. True **409**, 329, 397.
Father of American Weather Map **292**, 691.
Floating Weather Bureau on Atlantic **423**, 877.
Forecast: Change. W.J. Kotsch **779**, 69.
Formation of Clouds in Wake of Airplanes **207**, 778.
Fury of the Sea (Pict) **710**, 87.
Gulf Stream: Good Gulf. F.J. Nelson **471**, 622.
Hurricane Hunting. R.E. Hurst **594**, 877.
Hurricane in Puerto Rico. O.H. Holtmann **360**, 199.
Hurricanes and Our New Bases. F.J. Nelson **463**, 1273.
Hurricane Security. I. Olch **383**, 28.
Hurricanes, 400 Years of. C.R. Coates **555**, 537.
Hurricane, Study of Tropical. B. Anderson **372**, 183. **377**, 986, 988.
Hurricane Warning Signals. F.R. Francke **397**, 360.
Hydrographic Office Ship Routing System **683**, 106.
III Wing from East. E.W. Pate **506**, 411.
Jet Stream. W.J. Kotsch **598**, 1349.
Jutland, Effects of Meteorological Conditions on Tactical Operations. A.E. True **443**, 9.
Last Day of Captain Cornelius M. Schoonmaker (OldNav). G.E. Wheeler **643**, 1022.
LCT's in a Typhoon. M.H. Tennis, Jr. **661**, 48.
Lighter-than-Air Craft and Line Squalls. F.J. Nelson **373**, 369, 397. **378**, 1142.
Long-Range Weather Prediction. C.O. Holmquist **849**, 45.
Meteorology. L.R. Ford **155**, 79.
Meteor Shower. C.W. Van Horn **347**, 147.
More Typhoon Doctrine **648**, 215.
North Atlantic Weather Stations. W.O. Foss **564**, 171.
Ocean Weather Station Hotel: A Stormy Address (ProfNote). M.R. Adams **866**, 100.
Outranked, Outflanked, But Not Outranged. W.J. Kotsch **754**, 78.
Pacific, Special Weather Phenomena of. P.R. Lackner **597**, 1199.
Pilot Chart of Upper Air. C.C. Baughman **300**, 130.
Riding Out Philippine Typhoon. R.P. Eyman **505**, 315.
Rigid Airships and Weather. J.B. Anderson **260**, 1629.
St. Elmo's Fire (ProfNote). Bruce McCandless **648**, 229.
Santa Ana or Desert Storm of Southern California. W.A. Mason **371**, 56.
Seiche of Great Lakes. E.W. Wunch, Jr. **397**, 367.
Sieches, California, and Philippine Typhoons. H. Leypoldt **412**, 775.
Snowstorms in Tropics. C.A. Phillips **414**, 1141.
Static Research and Theories on Atmospheric Pressure. E.H. Kincaid **295**, 974.
Storms Forecast by Ocean Waves. A.W. Haslett **600**, 181.
Stormy Romance of the "Pickleboat". P.B. Yeager **741**, 66.
Tempest and Storm in Ultima Thule. H.B. Hutchinson **413**, 993.
Tropical Cyclones Throughout World. P.r. Lackner **511**, 1059.
Typhoon, Center of. G. Kneupfer **449**, 1003.
Typhoon Doctrine. Elmer W. Malanot **629**, 744. **635**, 83, 88, 89, 90, 91, 92, 93. **637**, 327. **641**, 765.
Typhoon Lady. R.J. Lauer **556**, 635. **559**, 1059.
Typhoons in North Pacific. R.C.D. Hunt, Jr. **519**, 657.
Typhoons Over Guam. F.J. Nelson **456**, 237.
U.S. Navy Weather Stations in Siberia. F.A. Brown **713**, 76.
U.S. Navy's Hurricane Hunters. W.D. Toole, Jr. **691**, 48.
War and Winter in North Atlantic. F.J. Nelson **611**, 67.
Water Cycle Between Ocean, Atmosphere, and Land. G.F. McEwen **401**, 956.
Waterspout, Flying Around a. C. Adair **388**, 845. **393**, 1693. **394**, 1846.
Weather and Command Decision. F.W. Nagle **731**, 44.
Weather and War in Europe. E.W. Pate **469**, 327.
Weather Bureau's Aid to Mariners **223**, 1467.
Weather Charts by Radio **281**, 1438. **284**, 2138.
Weather Control and National Strategy. W.J. Kotsch **689**, 74. **695**, 112.
Weather Forecasting, Navy **309**, 1006.
Weather Man Looks at Air Transport. H.B. Hutchinson **497**, 887.
Weatherman's New Tools Used by Navy Missile Range (ProfNote). P.C. Russell **790**, 136.
Weather Proverbs **439**, 1370.
White-Out—a Polar Weather Phenomenon. C.O. Fiske **643**, 955.
Wind-direction and Velocity Indicator **385**, 393.
Wind Guesser—Navy Style. K. Larson **503**, 19.
Wind Scale, Beaufort. F.J. Nelson **381**, 1546.
Meters
Electric Flow **241**, 503.
Hows and Whys in Electric Meter Calibration. E.B. Perry **312**, 118. **319**, 802.
Metering Fluids **273**, 2205.
Thrust **226**, 1977.
Method of calibrating range finders at sea. R.C. Parker **324**, 137. **327**, 440. **331**, 849.
Metour, E.P.
Annapolis Etchings **340**, 742.
Three Artists. H.A. Baldridge **300**, 105.
Metric System
British Defence Ministry Shifts to (Nbk) **805**, 123.
Defense Eyes Service Metric System (Nbk) **776**, 153.
First Metric System Charts of British Isles Published (Nbk) **832**, 128.
Japan **224**, 1632.
Metric System in Aeronautical Design **167**, 180.
Time to Change. E.L. Frasier **820**, 46. **828**, 106.
Translating Metric Measurement to English Measurement **199**, 1644.
United States **216**, 281. **259**, 1589.
Metrology
Metrology in the Navy (ProfNote). R.B. Jarnagin **723**, 142.
Time to Change. E.L. Frasier **820**, 46. **828**, 106.
Mets, D.R.
Arms Control Since Hiroshima **850**, 18.
Counterforce or Countervalue (Beavers) (C&D) **857**, 97.
Genesis of the Modern U.S. Navy (C&D) **761**, 121.
R.A.F.—Redundant Air Force (Nicholl) (C&D) **851**, 76.
Mettegang Recorder: Munroe, R.B. and Strane, A.J. Study of Mettegang's Recorder **180**, 253.
Metzgar, R.G.: Soviet Surface Combatants (Wells) (C&D) **801**, 121.
Metzger, E.F.: Navy Keeps in Touch with Industry **525**, 1405.
Metzner, F.: Formulation of Policy in Military Affairs **618**, 882.
Meulendyke, B. **544**, 760.
Mexican War **357**, 1563.
Mexico
Anti-American Activity **228**, 329.
Cabinet Changes **323**, 80. **325**, 256. **326**, 358. **346**, 1730. **357**, 1663.
Domestic Affairs **208**, 990. **215**, 132. **216**, 286. **230**, 679. **284**, 2157. **289**, 367. **298**, 1339. **315**, 466. **316**, 552. **321**, 1008.
Educational Exchange **218**, 602.
Foreign Relations **207**, 795. **226**. 1970. **234**, 1458. **249**, 1950. **262**, 2138. **263**, 164. **288**, 229.
History
See also: U.S. Foreign Relations. Mexico.
Mexican Navy in 1914: **151**, 859.
The U.S. Navy in Mexico, 1821-1914. L.N. Feipel **155**, 33. **156**, 489. **157**, 889. **158**, 1159. **159**, 1527. **160**, 1993. **161**, 171.
Immigration Quota **329**, 665.
Incident at Mazatlán (OldNav). W.F. Stuhldreher **799**, 150.
Isthmian Interlude (Tehuantepec). H. Salomon, Jr. **565**, 269. **582**, 883.
Japanese Fishing Rights **204**, 317. **263**, 164.
Joins League of Nations **345**, 1586.

Mohican (U.S.)-Forward Affair **394**, 1800.
Naval Academy in Five Wars. L.H. Bolander **505**, 279. Reprint: **518**, 35.
Naval Battle of Topolobampo. H.E. Kays **290**, 455.
Navy
Mexican Escuela Naval Militar del Pacifico. O. Scoggins **478**, 1695.
Modernization **355**, 1378.
Oil, Notes on **262**, 2138. **278**, 787. **290**, 493.
Problem of New Trans-Isthmian Canal. W.H. Hobbs **564**, 129. **570**, 911. **579**, 541.
Recollections of Mexican War by Lieutenant S.C. Rowan. G.W. Tyler (editor) **46**, 530.
Religious Troubles **349**, 449. **358**, 1813.
Reminiscences of Duty in Mexican Waters. H.A. Baldridge **291**, 634.
Revolution, 1914: Two Code Messages. F.L. Oliver **419**, 16.
San Juan de Ulua: See: Forts.
Ten Days at Veracruz. P.B. Ryan **832**, 64. **840**, 88.
Tenochtitlan--Naval Classic. W.S. Wharton **453**, 1537.
The War With Mexico... S.F. Dupont **21**, 419.
Meyer, B.H. **659**, 97.
Meyer, E.B.: The Board of Control (C&D) **886**, 86. **892**, 93.
Meyer, George Von L.: Impressions of British Navy (1911): **140**, 1447.
Meyer, J.J., Jr.: Our Nation's Shipyards **741**, 34.
Meyer, W.E.
and Bart Dalla Mura: Aegis (ProfNote) **888**, 93. **893**, 87.
The Combat Systems of Surface Warships (NavRev) **891**, 110.
Cruise Missile: The Ship Killer (Ruhe) (C&D) **884**, 94.
Meyers, G.J. **310**, 1083. **316**, 561.
Course in marine engineering for reserve officers **177**, 2563.
Freedom of Seas **380**, 1355.
Job order system for the engineer department **159**, 1499.
Meyers, W.H.: Gunner Meyers in California (Pict) **587**, 79.
Miami (USS): Illustration **114**, 290.
Miantonomoh (U.S.) **477**, 1519.
At Sea in a Monitor (OldNav). F.M. Holbrook **734**, 164. **740**, 100, 101.
Blue Water Monitor. J.A. Knowles, Jr. **841**, 78. **846**, 96.
Michael, G.L., III: Education of Decision-makers at the Naval War College (ProfNote) **839**, 105.
Michael, W.H.
Damage Control of Minds **473**, 986.
Pleasure and Pain of 1918: **382**, 1705.
Suggested Attack on Seasickness **478**, 1747.
Michaelis, F.H.: Naval Review 1968 (C&D) **786**, 106.
Michaelis, K.W. and O.E.: Alfred Krupp: A Sketch of his Life **47**, 775.
Michaelis, Krupp and DeBange: O.E. Michaelis (Tr.) **47**, 777.
Michaelson, A.A.: Interference Phenomena in New Form of Refractometer **21**, 495.
Michel, W.H.: Seagoing Catamaran Ship (ProfNote) **713**, 141.
Michels, R.J. **475**, 1307.
Michelson, A.A.: (SecNotes) **851**, 3.
Michelson, Albert: Michelson in the Navy; the Navy in Michelson. D.M. Livingston **796**, 72. **800**, 115.
Michelson, Irving (BkRev) **847**, 101.
Michigan (later Wolverine): See: Wolverine (U.S.).
Michigan (U.S.)
Cage mast falls during storm, killing Confederates on Lake Erie (OldNav).
Description **119**, 1141.
A.M. Woolson **842**, 69.
Our First Iron Man-of-War **564**, 208.
Our First Iron Man of War. F.L. Oliver **561**, 1263.
Ships of the U.S. Navy **160**, 1984.
six seamen **180**, 421.
Microcards: Navy's Aperture Card System (ProfNote). J.W. Bernhardt **737**, 137.
Micronesia
Especial Trust. D.J. Morgiewicz **788**, 68. **791**, 107.
Micronesia at the Crossroads, Turmoil in Paradise. J.H. Webb **833**, 26. **837**, 89.
Micronesia/U.S. Begin Talks on Future Political Status (Nbk) **833**, 123.
Navy Seabees Build and Teach for a Better Life in Micronesia (Nbk) **833**, 123.
Mid-air Recovery Systems (MARS): RPVs: Skeet for the Fleet (ProfNtoe). D.A. Mohr **836**, 111.
Middle-Agers, Advice to Fellow-. J.B. Kaufman **371**, 50.
Middle East
See also: Book Reviews: Carl Leiden.
Arms for the Love of Allah. Wynfred Joshua **805**, 30.
Bahrain, Pearl of the Persian Gulf. K.A. Semmes **759**, 90.
The Case for Foreign Military Sales in American Persian Gulf Strategy. W.C. Remick **887**, 18. **890**, 84.
Gulf of Aqaba and Strait of Tiran, Troubled Waters. C.G. Salans **790**, 54.
Mideast Air Combat Tactics Impress Sixth Fleet (Nbk) **812**, 101.
Middle East, The. Robert Strausz-Hupé **671**, 23.
Middle East Aircraft Inventory (Nbk) **808**, 132.
Middle East Challenge. B. Taylor **657**, 1196.
Middle East Oil: Subsurface Warpon. W.F. Cass **839**, 18. **856**, 90.
NATO's Southern Region: Problems and Prospects. M. Johnston, Jr. **863**, 47.
Naval Watch in the Mideast. G.W. Henderson and P.B. Ryan **893**, 66.
Persian Gulf Command (Pict) **644**, 1094.
Persian Gulf Command. W.H. Hessler **644**, 1027.
Politics of Oil in the Wake of Yom Kippur. W.L. Dowdy, III: **857**, 23.
Sentinels at the Bridge. B.B. Schofield **776**, 48. C&D: **782**, 104.
Stability in the Persian Gulf. V.J. Croizat **845**, 48.
Suez and the Soviets. Shlomo Slonim **866**, 36. **871**, 82.
U.S. Destiny in the Middle East. E.M. Eller **645**, 1161.
What to Read On Middle East (BkRev): Carl Leiden **659**, 99.
Middleton, Drew (BkRev) **881**, 85.
Middleton, W.D.
Seabees in Vietnam **774**, 54.
Seabees In Vietnam **774**, 54.
Midilli (Turk. cruiser): Sunk **181**, 685.
Mid-Latitude Sailing--A Graphic Solution (ProfNote). W.M. Fraser **799**, 148.
Midshipmen
See also: U.S. Naval Academy.
Appointment of Midshipmen: How I Entered the Navy. F. Hanford **748**, 75.
Midshipman Cruise (Pict) **642**, 867.
Naval Academy Midshipmen: See: Cover Pictures--June 1963.
Midway, Battle of **543**, 586. **592**, 699.
Admiral Nimitz and the Battle of Midway. E.B. Potter **881**, 60.
Five Fateful Minutes at Midway. Mitsuo Fuchida and Masatake Okumiya **628**, 660.
Incredible Midway. T.E. Powers **772**, 64. **775**, 106.
I Sank the Yorktown at Midway. Yahachi Tanabe with Joseph D. Harrington **723**, 58.
Moment at Midway: McClusky's Decision **866**, 64.
Prelude to Midway. Mitsuo Fuchida and Masatake Okumiya **627**, 505.
Torpedo Squadron Eight, the Other Chapter. H.H. Ferrier **740**, 72.
Midway Island
Midway Island Today (Pict). D.B. Mauldin **693**, 91.
Midway--North Pacific's Tiny Pet. H.C. Votaw **453**, 1601.
Second Battle of Midway. D.B. Mauldin **703**, 43.
Midway (U.S.) **523**, 1199. **562**, 1342.
Foreword for Midway. R.A. Spruance **628**, 658.
Modernization of the Midway. J.E. Kaune **816**, 27. **821**, 93. **830**, 102.
MiG Imperils U.S. Superiority, New (Nbk) **787**, 154.
Migonette, The Case of the. H.W. Hardon **37**, 69.
Mikasa (Jap.): See: Battleships--Japan.
Explosion Aboard **116**, 1005. **120**, 1602. **126**, 722.
Fire Aboard **144**, 1660.
Mikasa: Japan's Memorial Battleship (Pict). W.M. Powers **878**, 69. **881**, 83. **882**, 80.
Repairs to. **121**, 414.
Trials **101**, 119.
Mikawa, G. **658**, 1278.
Mikhail Lomonosov (Rus.): The Lomonosov (ProfNote). J.W. Giles **737**, 132.
Milazzo (SS): Torpedoed **180**, 452.
Mile, Nautical **565**, 327.
Moody, A.B. **561**, 1257.
"Milen" for Nautical Mile **447**, 765.
Miles, A.H.: Code for Corespondence **372**, 234. **376**, 837. **377**, 993.
Miles, C.R.: Our Coast Defense... (Rev) **43**, 673.
Miles, L.T.
Results of Jutland **406**, 1679.
Sea Dogs and Syntax **435**, 661. **438**, 1185.
Three Cases of International Law **462**, 1147.
Miles, M.E.
Navy Guerrilla. Roy Stratton **725**, 83.
U.S. Naval Group, China **521**, 921.
Miles, V.A.: What Does Lieutenant Commander Do? (anec) **604**, 633.
Miley, D.F. **696**, 109. **699**, 127, 129. **720**, 116.
Left-Handed Shiphandling **721**, 36.
Radar--Milestone or Millstone? **709**, 45.
Who Is In Command? **692**, 43.
Mikhail Lermontov (Rus): Russians Begin Service Between Leningrad and New York (Nbk) **846**, 124.
Militarism
Against All Enemies. R.J. Hanks **805**, 22. **808**, 97, 98, 99, 100. **809**, 89, 90, 91, 92, 93, 95, 96. **810**, 95, 96. **812**, 85. **813**, 81. **814**, 79, 80, 81. **815**, 81. **818**, 91.
Are Military Moving In? J.W. Stryker **553**, 295.
Japanese Militarism. J.E. Auer **847**, 46. **851**, 80.
Military Academy: In Defense of Trade Schools. R.A. Hall **533**, 801. **535**, 1105.
Military advisory role: Expansion of the Military Mind. W.L. Jesse **856**, 24. **863**, 83.
Military Air Transport Service (MATS)
MATS Now Military Airlift Command (Nbk) **757**, 158.
MATS' Role in Naval Logistics. J.A.

Military Air Transport Service (MATS) (Cont.)
Rebentisch, Jr. **736**, 76.
Strength and Weakness of Airlift (Nbk) **750**, 152.
Military Air Transport, Strategic Importance of. C.H. Amme, Jr. **579**, 457.
Military Appearance: Ground Floor View of Military Appearance (ProfNote). W.T. Alexander **666**, 122.
Military Application of Research in Psychological Science. G.W. Dyson and Charles W. Shilling **631**, 1023.
Military Art and Science: Battle, No Longer the Pay-off? S.T. Possony **810**, 32. **815**, 88. **817**, 90.
Military as an Element of Soviet State Power. W.R. Kintner **629**, 771.
Military Assistance
Military Assistance and Advisory Group (MAAG): "...and a few Marines." W.G. Leftwich, Jr. **786**, 34.
Military Assistance at the Crossroads. R.F. Farrington **760**, 68.
Military Assistance Program in the Far East. C.A. Smith **694**, 40.
Military Aid and Comfort to Dictatorships. A.H. Victor, Jr. **793**, 42. **799**, 113, 115. **801**, 113.
Role of Military Assistance. W.R. Kintner **697**, 76.
Military Cargo and the Civilian Carrier: Problem of Procurement (ProfNote). J.V. Day **853**, 109.
Military Character
See also: Leadership.
Competition vs. Character. L.A. Cotten **137**, 131.
Military Character. R.R. Belknap **179**, Belknap, R.R. **179**, 1.
Sims, W.S. **169**, 437.
The Naval Profession. B.A. Fiske **122**, 475.
Our Heritage from Paul Jones. H.H. Frost **188**, 2269.
Military Construction: How to Succeed in the Construction Business By Really Trying. R.C. Williams **799**, 70.
Military Critic. P.M. Flammer **841**, 28. **846**, 97. **850**, 85.
Military Danger, A. T.B. Kittredge **629**, 731.
Military Decision and Future of Sea Power. W.D. Brinckloe **693**, 82.
Military Education: Christian Ethics an Element of Military Education. L.B. Luce **120**, 1367.
Military Effectiveness. V. Safford **405**, 1557.
Military Environment, Changes in: The Marine Corps in 1985. P.A. Wilson **875**, 31.
Military Establishment
Erosion of an Ethic. R.P. Dunwell **889**, 56. **892**, 89. **894**, 66.
Military in the Free Society. S.H. Hays and T.A. Rehm **792**, 26. **796**, 106, 107.
Military Expansion: Japan, Present and Potential Military Power. S.S. Cordier **777**, 68.
Military Forces
The Latin American Military. R.J. Toner **789**, 64. C&D: **798**, 106.
Military Forces as of
1 January 1973, Summary of Major (NavRev) **843**, 361.
1 January 1974, Summary of Major (NavRev) **855**, 302.
1 January 1975, Summary of Major (NavRev) **867**, 277.
Restrictions on Military Forces: Lack of Support Could Make Navy Impotent in Mid-East War (C&D) **865**, 74.
Military Fraternity. H.G. Claudius **361**, 384.
Military Government
See also: Colonial Government.
Military Government in Navy. W.H. Hessler **489**, 1471.
Military History: History--Dust Heap or Cornerstone? S.W. Roskill **755**, 66.
Military Justice System: What Do Lawyers Do?. J.A. Bannerman **887**, 54. **894**, 71.
Military Law
The Cruel Business of Accountability. J.E. Greenbacker **894**, 24.
"...Justice For All"? W.G. Procter, Jr. **789**, 52. **796**, 104.
Law, Discipline, and Justice. R.G. Darley **847**, 36.
The Lawful Order. M.L. Duke **761**, 82. **765**, 120, 121. **769**, 114.
Law of War Training in the Navy and Marine Corps. Hays Parks **898**, 26.
Military-media Relations: The Military and the Media. J.M. White **857**, 47. **863**, 82.
Military Men: Worlds Apart? D.N. Edelstein **840**, 18. **847**, 81, 82. **849**, 95. **851**, 79.
Military Mind
The Military Mind (C&D) **816**, 81. **826**, 91.
You and the Military Mind Controversy. W.A. Platte **670**, 105.
Military Missions
Collateral Mission Support: An Economic and Operational Necessity (ProfNote). B. Baker **876**, 93.
U.S. To Cut Latin American Military Missions (Nbk) **810**, 127.
Military need and the merchant fleet **819**, 218.
Military Oceanography: Law of--and Under--the Sea. L.G. Parks **756**, 54.
Military Philosophy
Naval Tradition and National Vision. L. Banks **725**, 42.
New U.S. Military Philosophy. C.M. Ferguson, Jr. **695**, 42.
War as an Art. J.E. Mrazek **721**, 65. **728**, 122.
Military Pilot Training--Time for Improvement. W.A. Speer, and J.B. Kusewitt **829**, 31.
Military Policy
Address by P.H. Nitze, 16 March 1964 at Joint Session of NWC and ICAF **737**, 160.
Alliance Diplomacy in Limited War. G.F. Eliot **770**, 52. **776**, 102.
China (People's Republic): Hostile Coexistence. G.B. Fink **770**, 66.
Defense Planning Processes. S.M. Barnes **736**, 26.
Doctrinal Gap. G.C. Reinhardt **762**, 61.
The Encircling Sea. J.J. Clark **793**, 26. **799**, 116, 117. **805**, 91.
NATO Strategy and Flexible Response. C.H. Amme **771**, 58.
Of Hawks and Doves. G.S. Hodgson **771**, 30. C&D: **780**, 108.
Proper Prior Planning and the Next Mayaguez (C&D) **870**, 85.
Rational Victory. R.W. Selton **780**, 27. **783**, 109.
Specter of a "Man on Horseback." G.E. Lowe **731**, 26.
Stalemate--Or? H.W. Baldwin **734**, 48.
Military Power
End of Military Power Monopoly: A Different World. R.F. Leider **842**, 18.
Law of Diminishing War Power (C&D). J.D. Ten Eyck **768**, 120.
Military Profession
Duty--Honor--Country: The Durable Truths (C&D) **844**, 81.
Military Profession and International Organization for Security. L.H. Weaver **524**, 1299.
Military Professionalism
Expansion of the Military Mind. W.L. Jesse **856**, 24. **863**, 83.
The New Military Professional. W.L. Jesse **863**, 25. **868**, 84.
No Room for Young Turks? P. Karsten **841**, 37.
Military Reserve: Marines Cut a Gordian Knot (ProfNote). W.V. Kennedy **838**, 109.
Military Sealift Command: Military Cargo and the Civilian Carrier: Problem of Procurement (ProfNote). J.V. Day **853**, 109.
Military Sea Transportation Service
Carrying Cargo in. C.V. Ricketts **577**, 289.
A Chain of Ships (Pict). E.F. Oliver **801**, 92.
Military Sea Transportation Service (Pict) **586**, 1327.
Modern Triumph in Northern Ice. W.J. Kiernan, Jr. **653**, 742.
MSTS (Pict) **654**, 882.
MSTS--A Fleet in Readiness **733**, 56.
MSTS Leases Research Submarine Star III (Nbk) **764**, 160.
MSTS Moves U.S. NATO Forces from France (ProfNote). L. Holt **776**, 128.
MSTS--Navy's Fourth Arm. L.R. Fiore **654**, 868.
Navy Augments Vietnam Shipping (Nbk) **773**, 148.
Navy Reports MSTS Unloading Mark (Nbk) **734**, 147.
Navy's Special Project Ships (ProfNote). L. Holt **714**, 130.
Navy to End North Atlantic Service for Servicemen and Dependents (Nbk) **764**, 160.
New Approach to Cargo Handling Problems. R.P. Holubowicz **602**, 421.
Unusual MSTS Houston Office (ProfNote). W.B. Frank **792**, 133.
Military Service--Compulsory
An American Way of Doing Things. J.E. Pond **466**, 1736.
Compulsory Military Training. W.L. Brough, Jr. **505**, 275.
History of Selective Service. R.H. Rankin **584**, 1073.
Navy and Universal Military Training. J.E. Hamilton **543**, 563.
Obligation of Freedom. F.J. Nelson **507**, 487.
Peace Insurance--Double Indemnity. J.B. Penfold **517**, 377.
Some Selective Service Aspects of Interest to Navy. L.W. Hesselman **478**, 1671.
Military Services
Civilianism, Civilianization, and the. J.C. Sandsberry **837**, 62. **844**, 95. **846**, 95. **851**, 87, 89.
The Military and Politics. H.J. Sage **860**, 47.
Military Service as a Profession
Demotion of Professionalism at the War Colleges. E.L. Katzenbach, Jr. **745**, 34. **748**, 110, 112, 114. **751**, 112, 115.
Erosion of an Ethic. R.P. Dunwell **889**, 56. **892**, 89. **894**, 66.
Long, Hard Climb to Professionalism. C.M. Guelzo **768**, 85. **772**, 111.
Profession of Arms. Sir John Hackett **770**, 82.
The Uncertain Image. R. Hargreaves **768**, 72. **773**, 111.
National Strength Through National Service. J.D. Alden **797**, 68. **803**, 97.
Question of Universal Military Training. A.W. Rilling **774**, 65. C&D: **785**, 102.
Military Training, Universal: See: Universal Military Training.
Milkman, R.H.: Operations Research in

World War II: **783**, 78.
Milky Way, Artifical Satellite Across—June 1968 Cover.
Millar, T.B.: Australian Naval Situation (NavRev) **831**, 208.
Miller, A.C., Jr. **533**, 849. **779**, 102. **784**, 111.
Antarctica—White Continent of Promise **714**, 45.
Ditch, To Build a Bigger **775**, 26.
International Mission for Naval War College (ProfNote) **658**, 1361.
New Japanese-American Treaty **696**, 46.
Prognosis for the Panama Canal **733**, 64. **736**, 113.
SEATO—Segment of Collective Security **684**, 50.
Miller, A.P., Jr.
David Taylor Model Basin (Pict) **578**, 411.
Loran Comes of Age **629**, 764. **632**, 1155.
Tripoli Graves Discovered **566**, 373.
Miller, A.S.: USS Mount Whitney (LCC-20) (ProfNote) **897**, 106.
Miller, A.W.
Pride (anec) **604**, 613.
Surreptitious Entry (anec) **606**, 854.
Miller, Charles E. **634**, 1381.
Miller, D.D. **505**, 329. **507**, 560.
Miller, D.H.: Touché (anec) **679**, 45.
Miller, E.G.: Customers Were Eager (anec) **779**, 63.
Miller, E.J., and W.D. Toole, Jr.: Amphibious Forces: The Turning Point **861**, 26.
Miller, E.M.: Project Cheesebox: Search for the Monitor (ProfNote) **854**, 116.
Miller, F.C.: Those Storm-beaten Ships, Upon Which the Arab Armies Never Looked **865**, 18. **874**, 76.
Miller, Gerald E. (Jerry): High-Low (Zumwalt) (C&)D **886**, 79.
Miller, G.H. **611**, 91.
and M.C. McLean: U.S. Shipping Emergency of the Seventies (NavRev) **831**, 142.
Beyond Suez—A New Dimension of Sea Power **660**, 78.
Commentary on Gorshkov Article (Part 1): **851**, 26.
Geography, Strategy, and SALT (C&D) **895**, 83.
Logical Thinking in Military Situations **541**, 327.
Must We Live in Fear? **605**, 759.
Not For the Timid **675**, 34.
The Only Option? (Lowe) (C&D) **826**, 88.
Sea Power of Tomorrow **595**, 959.
Shall We Blow Them Up? **600**, 151.
Strategy of Future—Second Look **567**, 473.
Miller, H.B.
Navy Skyhooks **384**, 234.
Shooting Catapult **362**, 545. **368**, 1481.
Miller, H.L. (BkRev) **741**, 121.
Miller, J.G.
Iron Men in Wooden Ships and Iron Ships—Seagoing Marine Detachments 1775-1975 (Pict) **873**, 57.
William Freeland Fullam's War with the Corps **873**, 37.
Miller, J.L.: Navy Has No Foreman's Problem **565**, 265.
Miller, J.W.
The Development of Armor as Applied to Ships **10**, 513.
The Nicaragua Survey 4, 65.
Miller, M.J., Jr.: The Israeli Navy: 26 Years of Non-peace **864**, 48. **868**, 81.
Miller, Michael: Minesweeping/Fishing Vessel (Chatterton) (C&D) **813**, 82.
Miller, N.A., Jr. **624**, 225.
Miller, P. **501**, 1393.
Joint Author: See: Weems, P.V.H.
Wrinkles in Polar Navigation **503**, 71.
Miller, R.A.: Indonesia's Archipelago Doctrine and Japan's Jugular **836**, 26. **847**, 94.
Miller, R.F. **671**, 118.
Laundry Mark (anec) **671**, 37.
Miller, R.H.
He Knew Where to Send Them (anec) **681**, 51.
Wrong Again (anec) **673**, 79.
Miller, R.J.
Is SEATO Obsolete? **789**, 56.
Wanted: Customers (C&D) **837**, 92.
Miller, R.T. **698**, 107.
Book Review **753**, 125.
Designing the Navy's Ships (ProfNote) **723**, 138.
Sixty Years of Destroyers (Pict) **717**, 94.
Miller, Russell, Jr.: As Others See Us (anec) **731**, 35.
Miller, S.: Coaling Vessels at Sea. **93**, 208.
Miller, Spencer. Progress in Coaling Warships **137**, 330.
Miller, V.J. **651**, 551. **702**, 109.
Major Fleet Units Lost During World War II: **683**, 90. **689**, 96.
Miller, W.J. **618**, 936. **619**, 1042. **626**, 453. **628**, 697. **724**, 123.
Comp and Ed: See: R.P. Brewer.
Exercise High Tide (Pict) **633**, 1258.
Facts Are Where You Find Them (ProfNote) **712**, 145.
Familiar Ground (Nbk) **808**, 51.
First on the List for Reprimand (anec) **633**, 1249.
Heavenly Transfers (anec) **570**, 845.
How It Was Done in the Old Navy (anec) **645**, 1159.
Jet Craft? (anec) **587**, 43.
Joint author: See: J.D. Harrington.
Less Tangible Factors **551**, 13.
Lookouts—Fleet's Forgotten Men **589**, 278.
Naval Terminology Today—Two Point Five **563**, 15. **567**, 561.
New Horizons in the Enlisted Navy **681**, 34.
New Look **583**, 955.
Norfolk Time (anec) **675**, 152.
Reenlistment: Key Factor in Strong Navy **614**, 403.
Special Rough Weather Precipitation (anec) **573**, 1223.
What! Me Ship Over! **622**, 1313.
Miller, W.M., III: Merchant Marine—Awash in Manpower Problems **836**, 61. **851**, 82. **858**, 85. **866**, 82.
Miller, W.O.: New International Law for the Submarine? **764**, 96.
Millett, J.B.: Submarine signalling by means of sound **114**, 532.
Milling Machines: Newton Horizontal Arbor Milling Machine (photo) **134**, 522.
Million, C.B. (Co-author): See: E.J. Hunter.
Millis, Walter **638**, 439. **611**, 99.
Book Review **771**, 130.
Mills, B.D., Jr.: Some Basic Aspects of High-Performance Naval Guns **536**, 1203.
Mills, C.A. **655**, 1011.
Mills, Louis
Future of the Coast Guard (C&D) **787**, 115.
Pollution—We Do Our Part (Bekkedahl) (C&D) **809**, 103.
Millspaugh, J.A.
Condition One and Abandon Ship **490**, 1583.
Medico-Military Progress During World War **421**, 380.
Milré, Y.A.: Navy's Unwelcome Visitors (C&D) **857**, 101. **862**, 85, 86.
Milsop, John, Jr. **701**, 99. **714**, 109.
Milton, T.R. **590**, 442.
NATO—The Writing on the Wall **827**, 18.
Milwaukee (USS)
Goes Aground Near Humboldt Bay **168**, 398.
Photo of the Milwaukee Stranded off Eureka, California **169**, 563. **176**, 2295.
Reported Breaking up on the Rocks **192**, 286.
Valor of Inexperience. H. Haislip **768**, 34.
Milwee, W.I.
and P.W. Wolfgang: Last of the Prinz? (ProfNote) **861**, 119.
Fly-away, A Salvage Concept for Today's Navy (ProfNote) **871**, 100.
Saturation Diving (Sheats) (C&D) **846**, 89.
Ship Aground: The Do's and Don'ts (ProfNote) **853**, 118.
Mims, Stewart L., Tr.: Malo, Henri: American privateers at Dunkerque **139**, 933.
Minas (Italian transport): Sunk by Submarine **170**, 868.
Minas-Geraes (Brazilian battleship)
Description **126**, 701. **135**, 858.
Launched; description **128**, 1317.
Mindanao (U.S.): See: Pearl River Log.
Canton Flower Boat. A.R. McCracken **590**, 369.
Mindte, R.W. **399**, 714. **432**, 249. **454**, 1781.
Fringes of Our Fleet **428**, 1449. **430**, 1798.
Galapagos **471**, 651.
Helpful Report (anec) **540**, 167.
Longitude by H.O. 208 and Eclipse **408**, 193. **413**, 1023.
Nocturnal Courtesy (anec) **645**, 1187.
Mine Force Association, North Sea **445**, 462.
Mines
See also: European War—1914-1918—Mines.
British Mine Work in Bantry Bay, 1906: **118**, 722.
Casualties, World War I: **381**, 1591.
Chaos at Shiminoseki. C. Ostrander **532**. 649.
Effect of Mines and Torpedoes on Merchant Ships **183**, 1110.
Electricity in its application to submarine mines. J.S. Sewell **103**, 708.
The Elia Mine **142**, 788.
Employment of submarine mines in future naval wars. P.R. Alger, Tr. **127**, 1039.
Floating Mines with Periscopes **162**, 604.
French Mines (1912): **142**, 788.
German Naval Mines (1917): **177**, 2612.
Great Strangling of Japan. B. Vogel **537**, 1305.
Harle Mine (1912): **143**, 1111.
Importance of Mine Warfare. P.W. Rairden, Jr. **594**, 847.
The Leon Torpedo Mine (illus) **157**, 943.
Mines of Long Ago. C.C. Hanks **453**, 1548.
Ore: Importance of Caribbean in Search for Iron Ore. J.B. Blackford **580**, 583.
Planting a War Garden. W.T. Cluverius (illus) **193**, 333.
Mine as a Tool of Limited War. J.A. Meacham **768**, 50. **772**, 103, 105. **773**, 107. **776**, 106.
Mine Blockade: The Silent Sentinel (C&D) **846**, 99.
Mine Countermeasures Ship (ProfNote). J.A. Meacham **782**, 128.
Mine Countermeasures: Who's Fooling Whom? J.M. McCoy **869**, 39. **874**, 80. **880**, 80.
Mine Detector, Small Anti-personnel (C&D) **846**, 98.

Mines (Cont.)
Mine Force: Sothern. W.T. Cluverius **373**, 345.
The Mine Force--Where the Fleet's Going, It's Been. R.L. Schreadley **859**, 26. **863**, 78. **864**, 76. **868**, 77.
Naval Strategy in Sino-Japanese War. S. Wang **461**, 991.
Rules of Mine Warfare **453**, 1677.
Secrets of Mine Warfare. A.P. Lukin **447**, 642.
The Submarine Mine. J.N. Ferguson **154**, 1697.
Submarine Mining, Orphan Child of Service. W.F. Palmer **381**, 1582.
Submarines, Use of Mines Against. R.M. Grant **427**, 1275.
Submarines and Mines, 1910: **136**, 1192.
Torpedo and Mine Effects in the Russo-Japanese War. M.C. Ferrand. Tr. by P.R. Alger **124**, 1479.
U.S. Navy Mine Production, 1918: **188**, 2382. **189**, 2620.
Use of Mines in Russo-Japanese War **153**, 1507.
Mines and Minesweeping
Corrections to "Naval Mine Warfare" **689**, 100.
Lessons of Mine Warfare **727**, 101.
Logbook of Mine Warfare. J.J. Hoblitzell **718**, 33.
Mine as a Tool of Limited War. J.A. Meacham **768**, 50. **772**, 103, 105. **773**, 107. **776**, 106.
Mines--the Weapons That Wait (Pict) **711**, 103.
Minesweeping from the Air (ProfNote). J.A.H. Torry **695**, 138.
Navy Studies Sub-Launched Mines (Nbk) **776**, 153.
Whatever Became of the Mine? (C&D) J.A. Meacham **757**, 115. **760**, 117.
Minelayers
See also: Names of vessels.
Armament of British minelayers in 1909: **131**, 965.
British Mine-Laying Squadron (1912): **143**, 1128.
British System of Minelaying (1909): **130**, 596.
Cruising **242**, 675. **289**, 349.
England **225**, 1804. **282**, 1585. **344**, 1417. **346**, 1715.
France **337**, 401. **339**, 680.
French Minelayers (1915): **158**, 1282.
French Minelayers Celebre and Pluton. Description, plans **149**, 197.
The German Submarine Minelayer UC-5: **165**, 1678.
German Submarine Minelayers **160**, 2019.
Japan **337**, 400.
Japanese Minelaying Vessel (1912): **144**, 1660.
Russian Mine-Laying Submarine **142**, 755.
Minenwerfers: The New Model Minenwerfer **184**, 1331.
Miner, H.C.: His Mark (anec) **688**, 47.
Mineral Imports and Merchant Marine in National Emergency. E.G. Campbell **535**, 1085.
Minerva (HMS): Trials **105**, 297.
Minesweepers
See also: New Navy. Newest Minesweepers in the U.S. Navy.
Bringing in the Sheaves. C.N. Hinkamp **197**, 1117.
British Minesweeping Trawlers in 1909: **130**, 585.
Dismal Spit and Her Mackerel Taxis. W. Sheppard **500**, 1253.
French Torpedo Boat 325 Sunk **202**, 2068.
German Minesweepers in World War II. F. Ruge **595**, 995.
Little Gray Ships. M.A. Ransom **403**, 1280.
Minesweeping. A.D. Van Nostrand **518**, 505.
Minesweeping Attachment for Ships **174**, 1803.
Minesweeping Drone Boats, Used in Vietnam (Nbk) **804**, 123.
Minesweeping Experiences in the War **172**, 1343.
Minesweeping/Fishing Vessel (ProfNote). H.A. Chatterton **808**, 121. **812**, 82. **817**, 91.
Minesweeping Experiences in the War **172**, 1343.
Minesweeping in the War **164**, 1311.
Minesweeping on the Long Tao River (Pict): G.R. Kolbenschlag. J.A. Johnston and R.E. Woods, Jr. (Photog) **772**, 88.
Naval Lesson of the Korean Conflict **629**, 825.
Navy Ready to Clear Mines from Harbors of North Vietnam (Nbk) **841**, 122.
North Sea Minesweepers Making Final Sweep **199**, 1629.
One Tour in a Mackerel Taxi. E.E. Mouton **734**, 86.
Operation End Sweep. B. McCauley **853**, 18. **857**, 88.
Pipe Sweepers. C.N. Hinkamp **211**, 1477.
Prepare to Sweep Mines. M.W. Searight **803**, 54.
Royal Navy Operates Mine-Hunting Sonar (Nbk) **721**, 144.
Saga of YMS. H. Hughes **539**, 53.
Using an Old Wrinkle. C.N. Hinkamp **213**, 1785.
Mine Warfare
Admiral Makarov: Attack! Attack! Attack! D.W. Mitchell **749**, 57. **754**, 118. **762**, 121.
Air Defense for the Mining of Haiphong (ProfNote). A.M. Osborne **859**, 113.
Japan's Nightmare--Mine Blockade. A.S. Lott **681**, 39.
Junior Officer in. P.W. Rairden, Jr. **607**, 977.
Minelayer Terror **683**, 112.
Mining: "A Well Reasoned and Circumspect Defense. J.D. Taylor **897**, 40.
National Minelaying Forces Listed **757**, 4.
Naval Mine Warfare. P.E. Coletta **681**, 82. **689**, 100.
Offensive Mine Warfare: A Forgotten Strategy? (NavRev). R.F. Hoffmann **891**, 142.
Offensive Mining as a Soviet Strategy. C.W. Saar **738**, 42.
Role of the U.S. Navy in Mine Warfare. J.S. Cowie **747**, 52. **751**, 108.
Russian Mines on the Danube. A.P. Brainard **749**, 51. **754**, 118. **765**, 129. **770**, 117.
Shallow Water Warfare in Northern Europe. Michael Salitter and Ulrich Weisser **889**, 36.
Wonsan: Battle of the Mines. M.W. Cagle and F.A. Manson **652**, 598.
Mingay, J.I.: Flags of Those Convenience? (Clark) (C&D) **791**, 108.
Mini, J.H. **697**, 118.
Miniature Ships: Shiphandling Training Gets a New Model (ProfNote). F.V. Rigler **862**, 110. **882**, 78.
Mining, Ocean (ProfNote). M.G. Krutein **795**, 135.
Minneapolis (USS)
Rescue of Sailor after 3 days Afloat in the Water. B.A. Fiske **136**, 957.
Used as receiving ship at League Island **102**, 385. **110**, 289.
Minnesota (U.S.)
See also: J.C. Spencer.
Ships of the U.S. Navy. R.W. Neeser **162**, 512.
Strikes Mine **189**, 2668.
Sunk by Germans **411**, 633.
The Training-ship. B. Noyes **11**, 99.
Minoga (Russ. submarines): Sunks During Maneuvers **146**, 864. **149**, 235. **150**, 580.
Minority Groups
Black Midshipman at the U.S. Naval Academy. R.L. Field **842**, 28. **846**, 98. **849**, 91.
Equal Opportunity. E.L. Green **856**, 40.
Equal Opportunity, Challenge to Navy's Management. B.A. Wiley **811**, 34.
Separate but Equal Opportunity (NAMB) **870**, 92. **871**, 77.
Minotaur (Great Britain) **851**, 71.
Description **122**, 859. **125**, 352.
Description of Class **112**, 852.
Launched; description **119**, 1130.
Minot's Ledge, Mass.: Lighthouse **378**, 1103. **443**, 59.
Min River, The Combats on the. E.B. Barry, Tr. **33**, 295.
Mintzer, L.M.: For the Defense **501**, 1363.
Minuteman, Poseidon and. D.A. Paolucci **785**, 46.
Mion, Pierre (artist): Divers Return to Sealab II--June 1966 Cover.
Mirabeau (French battleship)
Launched; description **132**, 1271.
Trials **139**, 1041.
Miranda, A.R. **628**, 703. **673**, 99.
Mirbach, Count von: Assassination of. **186**, 1965.
Mirick, C.B.: Wild-Goose Chase **521**, 947.
Mirlo (SS): Torpedoed **187**, 2206. **188**, 2458.
Misch, F.H.: Eight-inch Guns Relined in Ship/Shore Evolution (Smith) (C&D) **846**, 97.
Misconduct and Line of Duty. See: Snedeker, J.
Miscoski, V.T.: U.S. Naval Oceanography...a look back **780**, 46.
Miskill, T.G. **640**, 685.
Alert Watch (anec) **659**, 37.
Definition of Watchstanding (anec) **810**, 51.
Missile Armament for the FPB (ProfNote). S.W. Gladwin **805**, 111.
Missile-Armed Fast Patrol Boat (ProfNote). H.J. Lenton **805**, 111.
Missile Center, Naval: NMC: The Navy's Busiest Shooting Gallery (ProfNote). K.C. Childers, Jr. **724**, 149.
Missile-equipped Hydrofoils: Employment Plan for U.S. Navy PHMs (ProfNote). R.P. Rempt **880**, 93. **884**, 94.
Missile Launchers
Vertical Missile Launchers (ProfNote). R.P. Rempt
Part I: **896**, 86.
Part II: **898**, 105.
Missile Navy. W.D. Brinckloe **660**, 23.
Missiles
See also: Guided Missiles.
ABM Defense Keyed to X-Rays (Nbk) **774**, 148.
Advanced Polaris Missile Is Success (Nbk) **731**, 136.
Antiship: The Nuclear Submarine: Riding High. W.J. Ruhe **864**, 55. **869**, 82.
Army's Davy Crocket Missile Being Retired (Nbk) **773**, 151.
Australia's Missile Plans (Nbk) **729**, 152.
Ballistic Missile Surface Force. T.W. Connolly **736**, 40.
Battlefield Guided Weapons: The Big Equalizer. P.A. Wilson **864**, 18. **869**, 78.
Big Ten: Our Trident Missile Submarine Class (C&D) **851**, 75. **856**, 99. **869**, 79.
Bullpup Weapons System (ProfNote).

C.S. Deneen **725**, 134.
Case for Anti-Ballistic Missiles. H.A. Crosby **773**, 26. **778**, 111.
Combat Use of the SS-11 in Vietnam (Nbk) **756**, 144.
Cruise Missile: The Ship Killer. W.J. Ruhe **880**, 45. **884**, 94. **885**, 83.
DEG Tartar Missile System (NewNav). T.B. Buell **759**, 174.
Development of Navy Strategic Offensive and Defensive Systems (NavRev). D.A. Paolucci **807**, 204. **813**, 88.
Fleet Versus the Ballistic Missile. R.S. Crenshaw, Jr. **722**, 34. **730**, 121.
Harpoon Antiship Missile. M. Hewish **888**, 102.
Information Blackout on ABM (Nbk) **772**, 145.
The Legal Status of Submarine-Launched Cruise Missiles (ProfNote). S.C. Truver **894**, 82.
LTV Recovery (ProfNote). A.B. Crabtree **694**, 151.
Missile Bids Sought by Navy (Nbk) **776**, 152.
Missile Launching Test Ship: United States Navy in the Desert (ProfNote). F.J. Frank **796**, 138.
Missiles and Missions. W. Hughes, Jr. **742**, 38.
Missiles for Carrier and Battleship Use Advocated **701**, 103.
NATO Sea Sparrow (ProfNote). C.D. Allen, Jr. **797**, 144.
Naval Propellant Plant (Pict) **739**, 95.
Navy Antiaircraft Missile to Cost $100 Million (Nbk) **773**, 149.
Navy Develops "Dog Fight" Missile (Nbk) **789**, 157.
Navy Missile Tracks Ship Targets (Nbk) **789**, 157.
Navy Plans New Condor Missile (Nbk) **760**, 154.
Navy's Typhon Missile Plan Cut (Nbk) **744**, 153.
Navy to Get New, Fast Zap Missile (Nbk) **785**, 150.
New Poseidon Missile Due for Tests (Nbk) **746**, 143.
Northern European Antiship Missiles. M. Hewish **894**, 107.
Phoenix Flight Tests Set (Nbk) **747**, 157.
Phoenix to Give Air-to-Air Muscle (Nbk) **748**, 149.
Polaris A3 Launching System (ProfNote). R.W. Dickieson **778**, 138.
Polaris A-3 Missile Fired 1,800 Miles (Nbk) **723**, 154.
Polaris Invulnerability Upgraded (Nbk) **738**, 156.
Polaris Logistics (ProfNote). D.W. Whelan **762**, 138.
Polaris Test Ship (Pict). G.M. Boyd **714**, 93.
Popguns vs. Cruise Missiles (ProfNote). R.J. Quallen **881**, 97.
Poseidon and Minuteman. D.A. Paolucci **786**, 46.
Poseidon to Be Tested Against ABM (Nbk) **784**, 142.
Regulus I Weapon System (ProfNote). R.F. Sellars **694**, 136. **697**, 114.
Roland Low-level Surface-to-Air. M. Hewish **892**, 122.
Russia
  Russian Missiles Estimated at 400 (Nbk) **762**, 164.
  Soviet Shows New Missile Said... Capable of Undersea Firing (Nbk) **720**, 160.
SABMIS and the Future of Strategic Warfare. M.B. Schneider **797**, 26. **801**, 118, 119. **806**, 93.
SAM Kills Low Despite Buildup (Nbk) **767**, 140.
Seawolf. M. Hewish **889**, 107.
Ship-to-Ship Missiles (ProfNote). C.J. Eliot **837**, 108. **849**, 89.
Shrike and Cleansweep IIIB (Nbk) **761**, 166.
Sovereignty and the SLBM. H.B. Sweitzer **763**, 32. **766**, 130, 131. **769**, 107.
Soviet Navy Boosting Missile Power (Nbk) **763**, 166.
Soviet Styx Missile Concerns Navy (Nbk) **791**, 146.
Submarine-Launched Cruise Missile and International Law: A Response (ProfNote). Hays Parks **895**, 120.
Testing the Navy's Big Gun (ProfNote). L.P. Montanaro **684**, 127.
Typhon Work Terminated (Nbk) **733**, 148.
USSR Missile Parity in 18 Months (Nbk) **784**, 142.
Weapon Systems. Mark Hewish
  Exocet **880**, 102.
  Gabriel **881**, 101.
  Martel **885**, 112.
  Phoenix **884**, 142.
  Sea Dart **883**, 101.
Who Will Take the RAP? (ProfNote). T. Martin **802**, 138.
Missile-Tracking Ships (U.S.)
  Largest Missile-Tracking Ship (Nbk) **725**, 148.
  Range Tracker (T-AGM-1) (NewNav). R.M. Garrick **712**, 170.
Mission to Murmansk. C.V. Jackson **792**, 82.
Missionaries: Least of Lincoln's Brethren. W. Menard **840**, 59.
Missions of the U.S. Navy. S. Turner **862**, 18.
Mississinewa Refuels the Saratoga (U.S.): See: Cover Pictures--September 1958.
Mississippi River **376**, 809.
  Early Aids to Navigation at Mouth of. S. Wilson **493**, 279.
Mississippi-Missouri-Ohio Rivers Systems: Western Rivers. H.G. Telsey **496**, 653.
Mississippi (U.S.)
  1st (sidewheel steamer): **523**, 1220.
    Launched; description **116**, 1008.
    Sold to Greece **152**, 1201, 1217.
  2nd (BB-23)
    Launching of the Mississippi (illus) **169**, 576.
  BB-41
    Passing of the Mississippi **646**, 1329.
    Ships of the Navy. R.W. Neeser (illus) **156**, 438.
Missouri (USS)
  1st (Frigate)
    Destruction of USS Missouri at Gibraltar. A. Farenholt (1843): **142**, 557.
  BB-11
    See also: OldNav: First Battleship Through the Big Ditch.
    Launched **101**, 133.
  BB-63
    Navy Is Holding on to "Big Mo" (Nbk) **742**, 146.
    Photographing the Surrender Aboard the USS Missouri. B. Kalisch **630**, 866.
    Refloating. A.E. Smith (Pict) **576**, 181. **586**, 1340.
Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
Mistry, R.E.: They Always Give the Most Trouble (anec) **731**, 61.
Mitchell, D.F.: New Approach to Postgraduate Education (C&D) **787**, 105.
Mitchell, D.L.: Foreign Aid (anec) **727**, 65.
Mitchell, D.W. **532**, 716. **636**, 206.
  Abel Upshur, Forgotten Prophet of Old Navy **562**, 1367.
  Admiral Makarov: Attack! Attack! Attack! **746**, 57. **754**, 118. **762**, 121. **768**, 119. **771**, 125.
  Building Seven Seas Navy **507**, 507.
  Early Russian Shipboard Aviation (Layman and Drashpil) (C&D) **830**, 101.
  A History of Russian and Soviet Sea Power (BkRev) (C&D) **865**, 79.
  Of Hawks and Doves (C&D) **780**, 108.
  World Naval Development, 1898-1918: **480**, 232.
Mitchell, E.E. **526**, 1589.
Mitchell, F.B.: 24 Sentai--Japan's Commerce Raiders (Layton) (C&D) **883**, 78.
Mitchell, F.P.
  Plan For All Seasons (Lyon) (C&D) **802**, 108.
  The Quiet Warrior: A Biography of Admiral Raymond A. Spruance (BkRev) (C&D) **870**, 90.
Mitchell, H.C.: Peary at the North Pole **674**, 64.
Mitchell, L.J.: Shipmates (C&D) **828**, 97.
Mitchell, P.F.: Nothing But Blue Skies (Leider) (C&D) **836**, 87.
Mitchell, Paul **721**, 108.
Mitchell, R.J. **599**, 94.
Mitchell, W.G.: Navy Yards and the Fleet **150**, 371.
Mitchem, P.H.: It Always Pays to Know Where You Are (anec) **655**, 943.
Mitscher, Marc
  Admiral Marc Mitscher: A Naval Aviator. Arleigh Burke **866**, 53. **869**, 79. **870**, 87.
  Pete Mitscher and Armored Cruiser Aviation (OldNav). George van Deurs **801**, 152.
Mitscher (U.S.): See: Cover Pictures--March 1956.
Mixed Manning
  Ricketts Skipper Hails Six-Nation Crew (Nbk) **752**, 144.
  Ships: Mixed Manning Demonstration (Pict) **749**, 87.
Mixter, G.W. **384**, 249.
Mize, C.D. **592**, 673.
Mobile Bay
  Battle of
    Damn the Torpedoes...? W. Bovey **440**, 1443. **441**, 1676. **442**, 1776. **517**, 442.
    Operations Against Mobile, 1864-5. (maps). W.L. Rodgers **112**, 726.
  Farragut and. J.C. Watson **291**, 551.
  Farragut Lashed to the Rigging **13**, 303
Mobile Logistic Support, Future Concepts of. R.C. Disher **676**, 48. **680**, 98.
Mobile Logistics Support Ships: Tomorrow's Fleet. J.D. Alden **887**, 121.
Mobile Naval Support for Total War. Arthur F. Spring **630**, 907.
Mobile Riverine Force
  Naval Review **819**, 194.
  Pictorial: Dan Dodd (photog.) **796**, 80. **801**, 115, 116. **805**, 98.
  Vietnam (ProfNote). D. Dagle **791**, 126.
Mobile Sea Base Systems in Nuclear Warfare. J.H. Smith, Jr. **624**, 131.
Mobility
  Seaborne and Airborne Mobility in Europe (NavRev). J.L. Moulton **855**, 122.
  Strategic Mobility: Impetus for a Southwest Passage. J.W. Dindinger **878**, 33. **881**, 82. **883**, 82.
Mobilization
  Industrial, in U.S. J.Z. Reday **608**, 1065.
  Mobilization of Shipping for War. G.S. Staring **603**, 495.
  Nation in Arms. H.J. Ray **372**, 205.
  Selective Service. H.J. Ray **358**, 1729.
Mock, R.M.: Exhaust Silencers **306**, 701.
Mockford, S.B.: Honors Rendered--and Returned (C&D) **800**, 111. **804**, 99.
Models
  American Marine Society **378**, 1187.
  Bone Model, 18th Century Ship **258**,

Models (Cont.)
Bone Model (Cont.) 1221.
Coast Guard Station, Cleveland, Ohio **443**, 150.
Constitution **291**, 607.
Constitution in Miniature. H.F. Krafft **314**, 364.
David Taylor Model Basin (Pict) **721**, 89.
Designation of Airplanes **281**, 1412.
Destroyer Leader (Br.) **459**, 756.
Experiments with Models **79**, 664.
Gommi, T.: Invitation **451**, 1371.
Hobby, Ship-Model Building as Naval Officer's. A.R. McCracken **377**, 974, 985. **382**, 1753.
Landing Operations, Teaching, with Models. C.G. Richardson **376**, 796.
Long Cruise of Squadron of Naval Academy. H.F. Krafft **326**, 301.
Marine Museum of Stockholm. R.L. Simons **390**, 1078.
Naval Warfare in Miniature. S.A. Smiley **383**, 54.
Portsmouth (U.S.) **379**, 1337.
Rogers Collection **429**, 1553. **549**, 1397.
Ship Models at USNA. H.F. Krafft **258**, 1257.
Ship Models--Collections of Rogers, Sergison, and Pepys. H.A. Baldridge **429**, 1553.
Silver Model, 17 Century Battleship **292**, 688.
Spicer, W.F. **314**, 364.
Tank Experiments by Benjamin Franklin. E. Snow **247**, 1469.
Taylor Model Basin. A.P. Miller, Jr. (Pict) **578**, 411.
Texas (U.S.) **377**, 985.
Towing Basins, Ship Model, World's Experimental. R.H. Rogers **442**, 1708.
Ville de Paris **327**, 472.
Votive Ship Model, Naval Academy Chapel **460**, 907.
Zeiss Planetarium **329**, 660.
Models and Model Basins
Brief description of functions and operations of experimental model basin. R.H.M. Robinson (illus) **123**, 983.
Model Making. C.S. McDowell (illus) **200**, 1743.
New French Experimental Tank **193**, 458.
Skeleton Models of Modern Ships. W.H. Beehler (illus) **110**, 313.
Modern Chinese Army. B.T. Holcomb **340**, 795.
Modernization of Navy: High-Low. E.R. Zumwalt, Jr. **878**, 46. **881**, 76. **882**, 69. **883**, 75. **885**, 73. **886**, 79. **887**, 77. **888**, 74. **889**, 80. **890**, 80, 83.
Modernization of Ships **330**, 753. **334**, 1141.
Isherwood's Plan **412**, 866.
Modoc (USCG Cutter) **326**, 338.
Modular Aviation Package: Prototype Principle (ProfNote). J.J. Mulquin **840**, 109.
Modularity Concepts: U.S. Naval Ship Design: Platforms vs. Payloads. R. Leopold **870**, 30. **873**, 75.
Modularity in Ship Design: Designing for Change: Present and Future. J.V. Jolliff and G.D. Kerr **857**, 30. **861**, 93, 94.
Module System, Minimal Manning (ProfNote). R.A. Olsen **836**, 114. **842**, 86.
Moeller, A.W. and J.S. Bullen **681**, 103.
Moeris: the Great Reservoir of Middle Egypt. C. Whitehouse **33**, 325.
Moeser, R.D. (photog.)
See also: Case, William; Marshall, D.B.
Naval Air Development Center (Pict) **810**, 76.
The New DE's (Pict) **761**, 100.
Operation Sea Dragon (Pict) **776**, 84.
Repose (USS) (AH-16). R.N. Edwards (Pict) **782**, 80.
U.S. Naval Weapons Laboratory, Dahlgren, Virginia (Pict) **788**, 89.
Yankee Station (Pict) **773**, 90.
Moewe (SMS) **268**, 1001.
Exploits of the Moewe **162**, 665. **171**, 1075. **172**, 1340. **180**, 432.
Moffat, A.W.
Admiral, R.N. 1776 (ProfNote) **828**, 115.
Leadership: A Process of Growth (C&D) **849**, 89.
Moffett, J.A. **698**, 112. **701**, 99.
Akron Rescue **370**, 1717.
Moffett, W.A. **551**, 84. **606**, 901. **691**, 111.
Aeronautic Industry **352**, 938.
Airmada **455**, 73.
Aviation and Navy Building Program **337**, 421.
Aviation Fundamentals **272**, 1871.
Aviation in National Defense **242**, 732. **278**, 752.
Defense of Dirigible **244**, 1055.
Naval Aviation **296**, 1081.
Navy's Air Policy **258**, 1364.
Progress in Naval Aviation **308**, 840.
Technical Development of Naval Aviation **343**, 1181.
Moffett Field (Pict) **651**, 537. **656**, 1117.
Mogador (Fr) **351**, 768.
Mogami Class (Jap.): Cheat Cruisers Extraordinary. W.S. Howard **561**, 1229.
Mogmog Revisited. J.C. Meredith **636**, 152.
Mohammed V. (Sultan of Turkey): Death of. **186**, 1972.
Mohammed VI **239**, 193.
Mohican (U.S.) **394**, 1800.
An Error in Flags (OldNav). C.H. Jenrich **779**, 138.
Mohlenhoff, William: Full Systems at Launch (March) (C&D) **854**, 100.
Mohole, Project: See: E.J. Long. Mohole Updated.
Mohr, D.A.: RPVs: Skeet for the Fleet (ProfNote) **836**, 111.
Mohsberg, S.A., III
Men in the Middle (Purtell) (C&D) **804**, 99.
Organized Confusion (anec) **780**, 123.
Sea Lords (Schreadley) (C&D) **817**, 92.
Mohun, Philip: Finest Ships Or Not Worth a Damn (Kennaday) (C&D) **875**, 72.
Moise, B.C. **444**, 307.
Moitoret, V.A.
Book Review **763**, 130.
A Chart Is Born (Pict) **751**, 88.
Ships at Sea: Maritime Facts of Life (Nichols) (C&D) **827**, 87.
Mol, K.L. (BkRev) **767**, 111.
Mol, Peter: See: Frost, H.H. **191**, 28.
Moldavia (SS): Torpedoed **185**, 1678.
Moltke (German cruiser)
Description **141**, 314.
Description; Trials **140**, 1421.
Illustration **144**, 1633.
Momm, A.O. **588**, 202.
Aspects of Our Present Naval Policy **313**, 195.
Functions and Types **292**, 652.
Target: Landing-Signal Officer! (anec) **587**, 39.
Momsen, C.B.: Tribute to Admiral Momsen **677**, 103.
Monaco
International Hydrographic Bureau
Niblack, A.P. **300**, 135.
Nichols, C.L. **581**, 717.
International Hydrographic Office. G.T. Rude **490**, 1541.
Monadnock (USS) **286**, 2451.
How Not to Build Battleship. G.W. Camp **479**, 45.
Monitors 'Round Cape Horn (OldNav). J.D. Alden **859**, 78.
Monaghan (USS) **258**, 1344.
Monarch (HMS) **265**, 462. **266**, 619.
Monarch of Bermuda (SS) **347**, 127.
Monarchs, Tenders to. J.D. Thompson **335**, 46.
Monel Metal **289**, 357.
Characteristics of. **165**, 1671.
Money
Flexible Family Financing. R.H. Bowers **836**, 52. **844**, 94. **845**, 95.
German Iron Money **160**, 2087.
Money, B.: Shadow to Dagger. G.O. Walbridge **527**, 15.
Money, Chinese--New Picture. J.B. Ewald **537**, 1369. **541**, 351.
Monfalcone: Capture of Monfalcone by Italy (1915): **158**, 1370.
Monge (FN) **201**, 1908. **328**, 547.
Sunk off Durazzo **161**, 308.
Monger, R.F.: They Couldn't Win for Losing (anec) **708**, 87.
Mongol Armada. G. Howell **414**, 1147. **418**, 1778.
Mongolia **283**, 1845.
Mongolia (SS)
Engagement with German Submarine **172**, 1328.
Shell Explosion Aboard SS Mongolia **173**, 1510, 1570.
Monitor (USS) **232**, 879. **249**, 1839. **286**, 2413, 2437. **288**, 198. **341**, 877.
A Little Unwritten History of the Original USS Monitor. G.T. McMaster **100**, 725.
Monitor (U.S.) and Merrimac (Confed.) **461**, 920. **466**, 1677. **538**, 1481. **545**, 885. **546**, 969.
Parker, F.A. **1**, 177.
The Monitor at Sea and in Battle. S. Dana Greene **249**, 1839. **288**, 202.
Monitor-Merrimac Legend. A.C. Smith **445**, 385.
Project Cheesebox: Search for the Monitor (ProfNote). E.M. Miller **854**, 116.
Site Named National Memorial (Nbk) **866**, 110.
When Monitor Went Down. H.P. Martin **461**, 927.
Monitors
See also: Names of Ships; Old Navy, Page from.
American Monitors. P.R. Osborn **408**, 235. **411**, 713. **713**, 1021.
At Sea in a Monitor (OldNav). F.M. Holbrook **734**, 164. **740**, 100, 101.
Austria **367**, 1269. **371**, 105.
Blue Water Monitor. J.A. Knowles, Jr. **841**, 78. **846**, 96. **847**, 93. **851**, 87.
British Monitors **658**, 1346.
England: Roberts: Data **348**, 290.
A Modified Monitor... W.I. Chambers **18**, 437.
Monitor in War Today. H.E. Howe **482**, 524.
Monitor Patapsco (OldNav). E.K. Thompson **790**, 148. **794**, 116. **796**, 114. **803**, 104.
Monitor Weehawken in the Rebellion. B.W. Loring **37**, 111.
The Monitors **193**, 430.
Monitors and Under-water Attack **155**, 284.
Monitors in the European War **160**, 2132.
Monitors 'Round Cape Horn (OldNav). J.D. Alden **859**, 78.
The New British Monitors (1915): **160**, 2146.
Revival of the Monitor (1917): **176**, 2372.
Royal Navy Monitors of World War I: **651**, 552.
Ships that Changed War (Pict). P.H. Paist **700**, 76. **706**, 104, 105, 106.
Unwritten History of Original Monitor. G.T. McMaster **100**, 725.
Usefulness of British Monitors in the War **166**, 2004.

Value of Monitors **182**, 914.
Monkey, Captain's. E.H. Watson **397**, 372.
Monocacy (USS) **345**, 1573. **393**, 1626. **434**, 554.
Actions With Korean Forts (1902): **140**, 1151.
Engages Chinese Forts, 1900: **129**, 127.
Fired on by Chinese, Jan. 1918: **181**, 687.
Monogahela (U.S.) **425**, 1081. **436**, 933. **604**, 677. **622**, 1421.
See also: Cover Pictures--June 1953.
Last Cruise of the Monongahela **631**, 1046, 1050.
Launching of the. D.A. Hall (illus) **172**, 1161.
Monro, Sir C.C.: The Evacuation of Gallipoli **163**, 1054.
Monroe, A.G.
Book Review **827**, 96.
Seaman For All Seasons (OldNav) **816**, 69.
A Wetter, Better NROTC (Corey) (C&D) **816**, 82.
Monroe, Alexander
Against All Enemies (Hanks) (C&D) **809**, 96.
and T.C. Lane: ROCTWO Program at the U.S. Naval Academy (ProfNote) **790**, 142.
New Course for the NROTC (C&D) **771**, 127.
The People Factor (C&D) **779**, 102.
Question of Universal Military Training (C&D) **785**, 102.
Monroe, E.H., Jr.
Career Planning: Myth or Reality? (C&D) **745**, 100.
Postgraduate Selection (C&D) **841**, 107.
Monroe Doctrine **206**, 657. **311**, 72. **345**, 1494.
Lord Bryce on the Monroe Doctrine **179**, 199.
Monroe Doctrine in its territorial extent and application **119**, 753.
Monroe Doctrine: its meaning and application at the present day **131**, 657.
The Monroe Doctrine: what it is (1914): **152**, 1220.
Origin and growth of the International System. H. Taylor **104**, 851.
Present Meaning of. F. Howland **456**, 194.
Richards, G. **356**, 1405.
U.S. Navy and 104 Years. L.C. Dunn **310**, 1067.
War as the ultimate form of economic competition. B. Adams **108**, 829.
Monrovia: Bombarded by German Submarine **183**, 1139.
Monsarrat, John: Don't Fall in the Radar Hole (Sherrar and Rosenthal) (C&D) **857**, 92.
Monster Seven-Seven (OldNav). R.W. Clark **796**, 144.
Montagu, J. **343**, 1195.
Montagu, John W. (Baron): World's air routes and their regulations **176**, 2331.
Montana (USS): Cartridge Case Explosion **182**, 848.
Montanaro, L.P.
New Naval Reserve Submarine Support Program (ProfNote) **846**, 112.
Testing the Navy's Big Gun (ProfNote) **684**, 127.
Montauk (U.S.)
Historic Ships of Navy. R.W. Neeser **459**, 687.
Wrecked in Gale **188**, 2462.
Mont Blanc (SS): Blows Up After Collision **179**, 177.
Montcalm, J.L. **420**, 187.
Montcalm (Fr) **350**, 616. **352**, 924. **356**, 1524.
Trials **101**, 96.
Montecuccoli (It) **346**, 1717. **351**, 769. **353**, 1076.
Monterey (SS) **346**, 1719. **352**, 933. **353**, 1082. **356**, 1530.
Drainage System of USS Monterey. A.W. Stahl **61**, 143.
Montero, J. (Pres. of Chile) **346**, 1730.
Monterey, California: Alcalde of Monterey. R.J. Plumb **791**, 72.
Montezuma (USS): See: Farenholt, A. **128**, 1279.
Montgomery, H.H. **556**, 714.
Montgomery, J.A.: Sailor's Log Off Santiago **306**, 728.
Montgomery, J.B.
Bear Flag Revolt. J.A. Hussey **437**, 973.
John Berrien Montgomery. J.M. Ellicott **374**, 533.
Montgomery, R.C. **690**, 112.
Montgomery, W.L. **606**, 902.
Montgomery and Conflicting Philosophies of Sea Power. J.D. Hittle **627**, 521.
Monticello (SS) **350**, 622.
Monticello (U.S.) **402**, 1098.
See also: Cover Pictures--March 1959.
Illustration **142**, 459.
William Barker Cushing. C.W. Stewart **142**, 425.
Montreux Convention
A Perennial Soviet Ticket to the Mediterranean (ProfNote). J.A. Gregoire **893**, 115.
Prospects for an Imminent Change (ProfNote). P.A. Dur **845**, 110. **849**, 99. **852**, 95.
Montrose (Eng) **353**, 1072.
Montross, Lynn **647**, 94, 105. **609**, 1253. **693**, 116.
Fleet Marine Force Korea **606**, 829. **807**, 995.
Simple as Alfa-Bravo-Charlie **640**, 644.
Monuments and Memorials
See also: Figureheads, Trophies and Relics.
Arnold, B.: Shield, Boot, and Vacant Niche **385**, 345.
British Memorial to United States Navy in World War. R.E. Bakenhus **382**, 1720.
Coast Guard World War **308**, 935.
Dewey Tablet, Cavite, P.I. **331**, 812.
Dover Patrol, Fort Hamilton Park, Brooklyn, N.Y. **382**, 1720.
Huron (U.S.) Wreck **466**, 1749.
McKay, D. **401**, 1021.
Memorials and Naval Heroes. H.F. Krafft **322**, 1047.
Navy and Marine Memorials. B.A. Fiske **253**, 386.
Statue of Liberty (SecNote) **390**, 1201.
Tripoli, Naval Academy **432**, 237.
Tripoli. C.Q. Wright **237**, 1931.
Vogelgesang Tablet **298**, 1320.
Moody, A.B. **537**, 1379. **565**, 327. **693**, 118. **694**, 104. **708**, 112. **715**, 112.
Celestial Navigation by Artificial Satellites (ProfNote) **710**, 139.
Modern Polar Navigation **586**, 1319.
Nautical Mile **561**, 1257.
Radar and Rules of the Road (ProfNote) **687**, 133.
Radio Sextant (ProfNote) **724**, 151.
Recent Developments in Navigation **556**, 681.
Moody, R.G.: Navy--A Retention Gap (McGarry) (C&D) **797**, 113.
Moody, W.P. **648**, 221.
Moon, D.P. **230**, 633.
Growth of Standardization **328**, 535.
Gunnery Problems of 1783: **316**, 506.
Recommissioning Destroyers **336**, 162.
Mooney, J.B., Jr.: Deep Ocean Currents (ProfNote) **723**, 152.
Moonlighting Toward a Master's. T.W. Goad **786**, 59. **789**, 113. **791**, 102. **793**, 109. **796**, 113. **801**, 126, 127.
Moon Sights: Shorts Cuts for. P.V.H. Weems **318**, 672.
Moore, C.G. **319**, 799. **325**, 259.
Magnetic Compass Affected by Gyro-Repeater **301**, 226.
Where Do We Stand? **335**, 40.
Moore, C.J. **607**, 1017. **663**, 110.
Operation Forager (C&D) **742**, 113.
Moore, D.W. (joint author): See: F.D. Fane.
Moore, Donald: The Military and Power in the United States (C&D) **751**, 108.
Moore, E.K.
Competitive Trial of Chronometers... **32**, 137.
Method of Testing Chronometers at the U.S. Naval Observatory **29**, 171.
Moore, E.W. **403**, 1306, 1368.
Moore, G.A. **388**, 861.
Moore, Granville A.: The Naval War College Takes a New Look at Its Courses **623**, 68.
Moore, J.A. **652**, 663.
Moore, J.B. **414**, 1171.
Moore, J.H.: The Eagle and the 'Roo: American Fleets in Australian Waters **825**, 43.
Moore, J.W.: See: Tawresey, A.P.H.
Moore, L.L.: Shinano: Jinx Carrier **600**, 142.
Moore, L.M.: Fractured Regulations, Customs, and Traditions (ProfNote) **761**, 142.
Moore, R. **696**, 108. **693**, 106.
Moore, R.A.
Confusing But Amusing (anec) **658**, 1337.
Shore Duty! (anec) **653**, 741.
Moore, R.J.: Operation Pluto **616**, 647.
Moore, S.K.
French Naval Academy (ProfNote) **736**, 144.
The French Naval War College (ProfNote) **723**, 146.
Moore, T.W.: Exchange of Courtesies (anec) **770**, 51.
Moore, W.B.: Even Fisheye Will Understand (anec) **651**, 514.
Moore, W.C.: Time for Aerial Task Forces? (C&D) **874**, 79.
Moore, W.G.
My Eagle-eyed, Stout-hearted Crocks **804**, 58.
The Seat of Your Pants Told You... **784**, 82.
Moore, W.L.
Analysis of Engineering Performance **221**, 1049.
Moorer, T.H.
Admiral Moorer's Message on Departing **810**, i.
Art, Science, and Innocence Involved in Becoming CNO. J.H. Horrocks, Jr. **803**, 18. **808**, 104. **810**, 101.
Book Review **886**, 93.
Memorandum to Members of the Naval Institute **793**, i.
Moorhead, D.L.: Landing on Polar Icecap **587**, 41.
Moorhen (Eng) **353**, 1072.
Mooring: See: Ship handling.
Mooring Board
See also: Navigation.
Improved maneuvering and mooring board. H.J. Reuse **196**, 1009.
Mooring Buoys
Method to Expedite Mooring to Buoy. W.F. Riggs, Jr. **557**, 804. **561**, 1295. **576**, 200.
Offshore Tanker Terminals. B. Frankel **841**, 56.
Mooring Masts: See: Airships.
Moral Courage: The Military Critic. P.M. Flammer **841**, 28. **846**, 97. **850**, 85.
Moral Factor in War. H.H. Frost **162**, 349.
Moral Preparedness. E.W. Stone **205**, 365.
Moral Training for War. C.M. Bakewell **149**, 157.

Morale
See also: Courage; Fear; Discipline.
After Me, You Come First! (NAMB) **877**, 128. **881**, 80, 81.
Bread and Water for the Bean (OldNav). A.E. Smith **894**, 56.
Coin of Individual Dignity. K.N. Sargent **657**, 1174.
Credible Incentive. W.A. Golden **737**, 75. **740**, 92, 94, 97. **742**, 107, 110, 111.
Daudignac (French general): Realities of battle: weaknesses, heroisms, panics. W.W. Gilbert, Tr. **124**, 1403.
Development of esprit de corps. C.L. Hussey **105**, 89.
Esprit de corps: Every Weapon to Fray. J.D. Harrington **611**, 13. **617**, 811. **619**, 1043.
Esprit de corps: Wanted--5,000 Middlemen. J.D. Harrington **599**, 11. **604**, 678.
Few Ideas of a Cruiser Skipper. P.D. Gallery **629**, 784.
The Fighting Edge. W.P. Cronan **137**, 87.
The Frustration Factor. F.D. Shemanski **818**, 27. **823**, 91. **830**, 95. **832**, 108.
Get Off My Back, Sir! R.E. Mumford, Jr. **894**, 18. **898**, 77.
How To Succeed...By Really Trying. E. Whitehead **748**, 68. **753**, 113.
Human Relations at Work (C&D) **826**, 95.
I am the Two-Headed Ogre... Bruce Keener, III: **878**, 38. **881**, 79. **882**, 72, 73. **883**, 77. **884**, 99. **886**, 87. **890**, 76.
Incentive Awards for Creative Thinking (ProfNote). J.W. Willis **781**, 135. **785**, 106.
It's Everybody's Business. F.E. Bitting **633**, 1189. **640**, 658.
Letter to a Division Officer's Wife (C&D). D.E. Haan **772**, 109.
Let's Put Away the Crying Towel. C.C. Gibson **624**, 175.
Lost Sheep: Our Navy in the World of Good Intentions (ProfNote). R.L. Schreadley **852**, 110. **857**, 85, 87.
Morale and Discipline. J.V. Noel, Jr. **568**, 647.
Morale and Esprit de Corps (ProfNote). R.H. Williams **695**, 136.
Morale and Leadership on Small Noncombatants (ProfNote). J.V. Bowers **738**, 144.
Morale in New World War. M.M. Witherspoon **447**, 675. **449**, 1017.
The Moral Factor in War. H.H. Frost **162**, 349.
Naval Tactics. H.E. Yarnell **161**, 82.
Navy Enlistee, 1975--From Where? (ProfNote). J.C. Bussert **823**, 105.
Objective of Leadership. E.M. Luby **673**, 62.
Old Principles and Modern Applications. D.W. Knox **152**, 1038.
Old Weapon for a New Problem. R.A. Komorowski and J.W. Weiser **639**, 504.
Personnel Legislation. D.W. Knox **148**, 1610.
Polaris Duty, Pinnacle or Predicament? J.T. Howe **774**, 26. **777**, 108, 109. **779**, 105, 106, 107, 108.
Prestige on the Lower Deck. A.W. Tranter **747**, 46. **750**, 109, 110. **753**, 119, 121, 122.
Professional Experiences Inspire Personal Satisfaction **677**, 102.
Restless Mind. M.J. Travers **738**, 65. **741**, 107, 108.
Selection and Morale. F.S. Craven **402**, 1105.
Self-Respect and the U.S. Fighting Man **636**, 204.
Small Ship Navy **641**, 767.
Some underlying principles of morale. D.W. Knox **166**, 1753.
Special Trust and Confidence. R.D. Heinl, Jr. **639**, 463.
Spirit of the Navy (OldNav). R.E. Coontz **828**, 83.
Whipping Boy. M. Hensley **645**, 1154.
Why We Are Losing Our Junior Officers. R.S. Crenshaw, Jr. **648**, 127. **651**, 553.
Morales, M., and E. Tarver: Influence of Weather, Combat Status and Overcrowding on Incidence of Disease and Accidents Aboard Naval Vessels **540**, 211.
Morality, The Need for a New. W.P. Mack **874**, 30. C&D: **877**, 114. **882**, 74.
Moran, C. **400**, 872. **402**, 1179. **471**, 704. **639**, 541.
Appraising Our Neutrality **430**, 1705.
Buccaneers **465**, 1540.
Commodore Preble's Sicilian Auxiliaries **431**, 80.
Evolution of Caribbean Strategy **469**, 365.
From Greenland's Icy Mountains **451**, 1261.
Genesis of Naval Policies **407**, 9.
James Shedden Palmer **443**, 31.
"Les Isles Baléares, Monsieur!" **414**, 1101.
Of Pirates and Rovers **410**, 511.
Persistence of Egyptian Factor in Mediterranean Strategy **459**, 695.
Pillars of Hercules **419**, 57.
Saint Eustatius, Island That Was "Different" **467**, 84.
Security by Enactment **542**, 403.
Suffren, Apostle of Action **421**, 315.
Trafalgar, Death Knell of an Alliance **417**, 1567.
Twenty Thousands Leagues Over the Seas **627**, 555. **632**, 1159. **634**, 1381, 1382, 1383.
William Eaton--"Hero of Derne" **458**, 497.
Moran, Edward (artist): Seascape--December 1966 Cover.
Moran, L.M.: Gargantuan Tankers: Privileged or Burdened (Oliver) (C&D) **817**, 90.
Morand, C. **421**, 414. **561**, 1293.
Higher Gun Reach is Navy's Need **259**, 1570.
Sea Power: Senate and Air **225**, 1676.
Mordal, J. **613**, 334.
French Navy at Dunkirk **672**, 31.
Mordell, A.: Farragut at Crossroads **336**, 151.
Moreau, J.W.
Arctic Alaskan Transportation (NavRev) **807**, 98.
Coast Guard in the Central and Western Pacific (NavRev) **843**, 270.
Moredock, W.J. **779**, 104. **781**, 111. **787**, 107.
Book Review **776**, 117.
The DER in Market Time (ProfNote) **768**, 136.
The Navy Needs More Sailors (Bonds) (C&D) **881**, 76.
Moreell, Ben: Seabees in World War II: **709**, 85.
Moreno (Arg. battleship)
Description **106**, 445. **141**, 303.
Launched; description **140**, 1414.
Sold to Japan **108**, 967.
Morey, W.R.
Guides Know Everything (anec) **701**, 71.
Ready to Retire (anec) **697**, 61.
St. George and the Dragon (anec) **717**, 83.
Morgan, C.H., Jr.
By Higher Authority (anec) **665**, 27.
Headed for Heaven on a Feather (anec) **655**, 960.
Let's Return to the Striker System **652**, 612.
Morgan, C.S.: Origin of United States Navy **405**, 1565.
Morgan, C.W. **329**, 637.
Morgan, D.J.: They Were Ready (OldNav) **850**, 80.
Morgan, E.A.: DASH Weapons System (ProfNote) **719**, 150.
Morgan, E.B., Jr.: Temporary Big League Duty (anec) **679**, 45.
Morgan, E.M.: Patrol Plane Controversy **485**, 939.
Morgan, G.D.: Morgan Purchases. R.S. West, Jr. **443**, 73.
Morgan, H. **360**, 215.
Most Slandered Man in History. A.C. Smith **424**, 855. **426**, 1236.
Morgan, H.G., Jr.: Soviet Policy in the Baltic **686**, 83.
Morgan, J.D., Jr. **534**, 977.
Morgan, J.M.
Lawrence and Petrel **210**, 1218.
Mysteries of Sea **212**, 1643. **220**, 909.
Morgan, J.P. (SS): Photos **136**, 946.
Morgan, J.R. **729**, 103.
Decade of Oceanography **717**, 60.
Destroyer Command: Critical ASW Subsystem (C&D) **741**, 109.
Oceanography--Old Science, New Future **702**, 40.
U.S. Oceanographic Fleet **725**, 48. **729**, 103.
Morgan, James M.
Brood of the Constitution (illus) **161**, 125. **164**, 1259.
Confederate Cruiser Florida **165**, 1581.
The Pioneer Iron-Clad (illus) **176**, 2275.
A Realistic War College **162**, 543.
Morgan, Stokely: Electric Firing on Board Ship **72**, 783.
Morgan, T.J.: Frustration Factor (Shemanski) (C&D) **830**, 95.
Morgan, W.A.: He Put on a Good Show (anec) **714**, 79.
Morgan, W.H. **406**, 1776.
Japan's Capital Ships **485**, 959.
Morgan, W.J. **665**, 117. **689**, 105. **696**, 117.
Book Review **758**, 141. **815**, 90.
Morgiewicz, D.J.: Micronesia, Especial Trust **788**, 68.
Moriarity (submarine): Description **102**, 392.
Moriarty, B.M.: Give Us the Ships (Balunek) (C&D) **837**, 92.
Moriarty, T.J.: The Naval ROTC (C&D) **801**, 111.
Moriarty, Thomas **710**, 111.
Morin, G.D.
Let George Do It (anec) **660**, 47.
Practical Method of Predicting Fuel Consumption (ProfNote) **825**, 104.
Morison, E.E.: Naval Administration in United States **524**, 1303. **530**, 451.
Morison, S.E. **546**, 973. **586**, 1337. **594**, 911. **674**, 104. **681**, 102.
See also: Russia: Morison in Marxist Eyes.
Battle of Surigao Strait **670**, 31.
Book Review **797**, 127.
Changes in Status of Ships, 1 July 1976--1 October 1977: **896**, 103.
Plymouth Colony Beachhead **622**, 1345.
Roosevelt Collection of Naval Art (Pict). S.E. Morison **729**, 81.
Moritz (dog mascot of Geier) **343**, 1211.
Morledge, G.A.
Human Nature Doesn't Change (anec) **676**, 74.
Three States of Matter (anec) **625**, 281.
Morocco
Atlas Mountains **371**, 80.
French Campaign. F.E. Evans **371**, 80.
French Morocco
Casablanca--French Side of Fence. R. Brooks **583**, 909. **586**, 1337.

Colonial Miracle. A.P. Niblack **240**, 253.
Landing in Morocco, November, 1942. H.K. Hewitt (Pict) **597**, 1243.
Play Ball, Navy! H.F. Cope **488**, 1311.
Model Moroccan Operation. F.E. Evans **384**, 173.
Morocco, Diplomatic Complex. L.C. Dunn **263**, 28.
Sea Rovers' Trail. R.E. Dupuy **365**, 1013.
Morosky, Paul: Physical Fitness in the Sea Services **824**, 58.
Morosmarti, James: Navy Medicine: A New Prescription (Flynn) (C&D) **830**, 99.
Morrell, F.W.: Influence of Sea Power on American Colonial Wars **352**, 860.
Morris, C.
Bainbridge's Fleet **344**, 1450.
Business Organization of Navy **284**, 1970.
Old Ironsides Off Tripoli **291**, 618.
Supplies for Navy **308**, 854.
Morris, Charles
The Autobiography of Commodore Charles Morris, USN **12**, 115.
The Unmailed Memorandum (OldNav). Helen Orlob **853**, 84.
Morris, D.R. **588**, 208.
Homer Clark Poundstone and All-Big-Gun Ship **544**, 707. **548**, 1293. **549**, 1427. **551**, 99.
Morris, G.E., Jr.: Bogoslof Island **413**, 950.
Morris, James: The Royal Navy **829**, 62. **832**, 107.
Morris, N. **280**, 1271.
Morris, R.F.: Embarrassing Defeat (anec) **675**, 92.
Morris, R.K.
Story of the Holland Submarine (Pict) **683**, 79.
Treasury of Early Submarines (C&D) **778**, 105.
Morris, W.H.
Reserve ACIO's Are Refreshed **550**, 1513.
Role of Patrol Bombers **535**, 1049.
Morrison, D.P.: Killed by Turbine-Casing Explosion **144**, 1667.
Morrison, F.P.: Navy in the Space Age--Space Surveillance **696**, 42.
Morrison, F.W., Tr.: Pesci, G.: Notes on the solution of the triangle of position without trigonometrical computation **134**, 520.
Morrison, F.W., and Frederick, C.W., Trs. Pesci, G.: Graphic method for determining the altitude of aeroplanes **144**, 1537.
Morrison, G.S.: Major Command **822**, 14.
Morrison, J.A.: Russia and Warm Water **597**, 1169.
Morrison, J.K.: Decompression of Divers **370**, 1695.
Morrison, W.L.: His Own Beaufort's Sacle (anec) **588**, 179.
Morro Castle (USS) **327**, 449.
Morrow Aeronautics Board **275**, 196. **284**, 2020.
Morrow, D.W. **298**, 1340.
Morrow, R.C. **493**, 320.
Morschauser, Joseph, III: **673**, 98.
Morse, A.H. **583**, 989. **590**, 439.
Seagull in Reverse (anec) **575**, 33.
Morse, R.H., III: Captured Japanese Diesel **506**, 433.
Morskoi Sbornik and the Gorshkov Series (C&D) **854**, 98.
Mortality in Combat: A Soldier's Chances of Life **156**, 572.
Mortars
Cast Iron **51**, 599.
Steel-hopped, Cast-iron **69**, 210.
Trench Air Mortar **178**, 2969.
Morton, A.O.: The Coin Airplane (ProfNote) **744**, 138. **750**, 111.
The Naval Shore Establishment and Parkinson's Laws **868**, 44. **872**, 88. **875**, 72.
Relieve the Watch (anec) **638**, 377.
Morton, J.P.: The summary court martial: Past, Present and Future **128**, 1199.
Morton, L. **636**, 202. **631**, 1048. **688**, 114.
Book Review **873**, 86.
Japanese Decision for War **622**, 1325.
Japanese Policy and Strategy in Mid-War **672**, 52.
Pearl Harbor in Perspective, a Bibliographical Survey **626**, 461.
Morton, W.B. **696**, 118.
Moses, R. **383**, 106. **424**, 889.
An Early Episode **416**, 1391.
Naval Reserve Officer--War-Time Specialist **434**, 560.
San Marcos **425**, 989.
Moses, S.E. **242**, 664. **447**, 717.
Joyful Spirit **405**, 1587.
Preventive Discipline **247**, 1441.
Tale of Lost Torpedo **303**, 381.
Moses, Stanford E.
Navy Yard Problems **143**, 1101.
The Orient in 1916: Its Interest to the U.S. **167**, 73.
Young America **192**, 233.
Mosher, F.L.: Graphical Piloting Methods **334**, 1080.
Mosher, N.G. (co-author): See: A.G. Nelson.
Moskva
Has ASW Helicopters (Nbk) **794**, 160.
Joins the Soviet Navy (C&D). Stefan Terzibaschitsch **794**, 107. **799**, 104.
Watches for Polaris Submarines (Nbk) **802**, 161.
Mosques: See: Churches.
Moss, R.A.: Remembrance of My Cruise (Pict) (C&D) **790**, 109.
Mosul Dispute **273**, 2213. **274**, 2360. **276**, 381.
Mothball Fleet: See: Reserve Fleet, U.S.
Mothballing: Good-bye, Columbus (ProfNote). N. Rueckert **870**, 105.
Mothballs: 100 Planes, 50 Ships To Be Retired (Nbk) **788**, 154.
Motherwell, G.W.: Proceedings Cover--The American's Creed (C&D) **832**, 101, 102.
Motion Picture Training Films in Navy. W. Exton, Jr. **485**, 933. **487**, 1237.
Motion Pictures in Naval Training--An Overlooked Essential. S.G. Kelly **458**, 489. **461**, 1010.
Motion Study, Application of, to Naval Gunnery. J.G. Cross **262**, 1998.
Motivation
Carrier ASW Pilot Motivation (ProfNote). J.J. Ortega **786**, 144. **790**, 99.
Career Officer As Existential Hero. D.G. Deininger **813**, 18. **818**, 91. **820**, 93. **821**, 98. **823**, 96. **824**, 96. **827**, 91. **828**, 104.
Motor Boats **253**, 475. **299**, 58.
Motor Gunboats, New U.S. (ProfNote). H. Dale **769**, 135.
Motorization: See: Mechanization.
Motor Launch 3429: **411**, 631.
Motors
Electric: See: Electric Motors.
(Water) as Marine Dynamo Drivers. F.J. Haeseler **74**, 281.
Motor Ships
America **260**, 1732.
Asturias **271**, 1773. **272**, 2010.
Construction **238**, 2176. **245**, 1202. **253**, 474. **298**, 1331.
Crux **249**, 1912.
Diesel-Engined **238**, 2172. **239**, 164. **254**, 657. **259**, 1546. **263**, 103. **277**, 529.
Engines **327**, 445.
French **241**, 501.
German **233**, 1187. **238**, 2176.
Italian **344**, 1418.
Japanese **323**, 63. **345**, 1576.
Propelling Machinery Controversy **272**, 2003.
Statistics, Comparative **211**, 1529. **217**, 436. **236**, 1805. **238**, 2172. **247**, 1500. **248**, 1732. **252**, 301. **267**, 843. **271**, 1775. **277**, 529.
Teneriffe **233**, 1245.
White Flash **345**, 1576.
William Penn **234**, 1439.
Motor Torpedo Boats: Nasty Boats Bought by Navies (Nbk) **773**, 153.
Mott, W.C.: Mutual Defense Insurance **573**, 1187.
Moulston, John: See: Malo, H.: American Privateers **139**, 933.
Moulton, J.L.
Book Review **836**, 102. **861**, 106. **874**, 84. **887**, 92.
Defense of Northwest Europe and the North Sea (NavRev) **819**, 80.
The Marine as an Instrument of Sea Power **873**, 28.
Seaborne and Airborne Mobility in Europe (NavRev) **855**, 122.
Mound City Naval Station: See: D.M. Wegner. Little Egypt's Naval Station.
Mount Hood (U.S.): Mount Hood Explosion. C.A. Gile **720**, 89.
Mounts (Guns): See: Guns (Ordnance); Mounts and Gear.
Mount Vernon: The Bell Tolls for Him (OldNav). W.H. Gridley **864**, 74.
Mount Vernon (SS) **243**, 868. **350**, 622.
Mount Vernon (USS): Torpedoed **188**, 2464.
Mount Washington (USS): See: Sands, F.P.B.: Lieutenant R.H. Lamson **129**, 137.
Mount Whitney (USS) (LCC-20) (ProfNote). A.S. Miller **897**, 106.
Mourer, P.W., Jr. **538**, 1506.
Mouton, E.E.
One Tour in a Mackerel Taxi **734**, 86.
Pacific Missile Range **676**, 80.
MovRep System: USMER: Following the U.S. "Flags" (ProfNote). R.E. Johe **886**, 102.
Mowe (SMS) **288**, 215.
Mowrey, R.D. (photog.)
A Chart Is Born (Pict) **751**, 88.
Long Beach (CGN-9) (Pict) **738**, 91.
Mowrey, Richard
Admiral G.W. Anderson, Jr., USN--January 1963 Cover.
F4H Phantom II--Jaunary 1962 Cover.
Moxon, R.K.: Fifty-Two Years of Physical Fitness (ProfNote) **720**, 141.
Moynihan, M.J.
Tugs and Towing (C&D) **736**, 121.
United Nations Peacekeeping (C&D) **755**, 110.
Mrazek, J.E.: War as an Art **721**, 65. **728**, 122.
MSTS
Looking For Replacements (Nbk) **799**, 159.
MSTS Plans Instant Troop Ship (Nbk) **804**, 121.
New Ship Concept For MSTS (Nbk) **808**, 131.
Muccia, D.R.
Japanese Militarism (Auer) (C&D) **852**, 90.
The NROTC Crisis (C&D) **801**, 109. **806**, 99. **814**, 87.
Mucke, Hellmuth von
Ayesha: J.H. Klein, Jr., Tr. (illus) **166**, 1871. **167**, 43. **168**, 255.
Emden: J.H. Klein, Jr., Tr. (illus) **163**, 733. **164**, 1192.
Mudd, John A.
The Money for the Navy **125**, 47.
On the Ship's Store and Its Possibilities **120**, 1561.
Purchase System of Navy **117**, 95.
Reorganization of the Naval Establishment

Mudd, John A. (Cont.)
Reorganization of Naval Establishment (Cont.) **129**, 37.
Spending the second dog with the Flying Dutchman **159**, 1547.
Storekeeping at Navy Yards **121**, 1.
Timmons, Signal Quartermaster, U.S. Navy: A True Story of...the Old Navy **154**, 1707.
Mudd, S.P., Jr.: What Else Could a Man Do? (anec) **786**, 65.
Mueller, W.R. **483**, 722.
Mueller, Y. Tejeiro, Jose: Santiago de Cuba: Battles and Capitulation of. **89**, 81.
Mugford, James: Parker, T.D.: Don't Give Up the Ship **182**, 821.
Muir, J.S.: Unimpressed (anec) **687**, 66.
Muir, Malcolm, Jr.
Low Cost of Freedom (Krulak) (C&D) **814**, 82.
"Tin Solder" Is a Good Soldier (Strauss) (C&D) **832**, 104.
Mujica, Alberto P.: Calculating without logarithms or interpolations the altitude...and azimuth. A.B. Hoff, Tr. **148**, 1557.
Mukhalian, Z.: Please Pass the Applesauce (anec) **721**, 53.
Mulcahy, F.P.: Marine Corps Aviation in Second Nicaraguan Campaign **366**, 1121.
Mules: Three Texas Mules and the Navy. E.B. Perry **682**, 66.
Mulhall, B.D.: Passing the Buck (anec) **672**, 71.
Mulheim-Ruhr Canal in 1913: **148**, 1778.
Muller, C.F., Jr. (co-author): See: T.A. Guarino.
Muller, C.G.: Fabulous Potomac Passage **735**, 84.
Muller, D.G., Jr.
The Airborne Destroyer (Marshall) (C&D) **859**, 102.
The Missions of the PRC Navy **897**, 46. **900**, 22. **901**, 121.
The PRC Navy--Coastal Defense or Blue Water? (Swanson) (C&D) **885**, 74.
Muller, W.E.
F[ederal] A[viation] A[ct] and the Navy **673**, 95.
Trends in Military Cross-Country Flying (ProfNote) **702**, 137.
Mulligan, R.T.: On Signals **104**, 994.
Mullinnix, A.P. **344**, 1433.
Mulquin, J.J.
Against All Enemies (Hanks) (C&D) **808**, 98.
ARAPAHO--Emergency Helo Cover for Merchantmen (ProfNote) **849**, 113. **853**, 103.
Case for Carrier-Based COIN Aircraft (C&D) **750**, 111.
Civilian Navy (C&D) **768**, 116.
E-2A Early-Warning System Operations in the Western Pacific (ProfNote) **773**, 132.
Modular Aviation Package: Prototype Principle (ProfNote) **840**, 109.
Sea Legs for the Hercules (ProfNote) **745**, 132.
XV-6A Carrier Suitabilty Testing (ProfNote) **770**, 135.
Mulready, B.P.: Berlin Airlift Proved Unification Can Work **565**, 283.
Multilateral Forces
Mixed-Manning Demonstration (Pict) **749**, 87.
MLF: A German Point of View. F. Ruge **763**, 42.
Multilateral Seaborne Force
Nuclear Control and the Multilateral Force. C.H. Amme, Jr. **746**, 24.
Ricketts Sail for Med (Nbk) **746**, 145.
Multi-national Exercises: UNITAS X (Pict) **809**, 73.
Multinational Naval Power, Need for: Seapower and the Smaller Nations. J.J. Binnendijk **835**, 38.
Multipower World: Balance of Powers. R.J. Barrett **830**, 18.
Multipurpose Escort Ship: Common Purpose--Common Ship? E.E. Johnston **830**, 25. C&D: **839**, 99.
Multi-purpose Factory Ship, Russia Builds (Nbk) **779**, 151.
Multipurpose Ground Force: The Marine Corps in 1985. P.A. Wilson **875**, 31.
Multum in parvo: England Favors Small Warship **344**, 1451.
Mumford, R.E., Jr.: Get Off My Back, Sir! **894**, 18. **898**, 77. **899**, 81. **900**, 79. **901**, 115. **902**, 82. **908**, 27.
Munitions: See: Explosives, Guns and Gunnery.
Munro, D.J.
See also: Staples, S.F.
African Crisis (anec) **552**, 147.
African Resurrection (anec) **553**, 333.
Biblical Touch of Humor (anec) **585**, 1155.
Ready for Action (anec) **582**, 855.
Munroe, C.E. **431**, 145.
Breaking up Old Guns by Dynamite (Tr.) **14**, 397.
Chemical Theory of the Combustion of Gunpowder (Tr.) **10**, 538.
Corrosion of the Coffer of the Juniata **38**, 391.
The Drying of Gunpowder Magazines **24**, 332.
An Experimental Lecture: Explosions **4**, 21.
Explosive Gelatine **18**, 483.
Gelatine Dynamite **18**, 486.
Hand Firing Key **47**, 775.
Notes
Gun Dynamite or Explosive Gelatine **6**, 21.
Literature of Explosives **20**, 297. **21**, 439. **22**, 657. **24**, 287. **27**, 735. **29**, 203. **32**, 85. **33**, 275. **35**, 763. **37**, 179. **38**, 423. **39**, 603. **41**, 227. **42**, 405. **43**, 567. **44**, 149. **45**, 423. **47**, 751. **48**, 75. **49**, 285. **50**, 491. **52**, 31. **61**, 91. **65**, 61. **69**, 109. **76**, 789. **79**, 599. **84**, 705. **87**, 457.
Manufacture of Nitroglycerine at Vonges **7**, 141.
Nitro-Glycerine **6**, 5.
Post-Graduate Instruction in Natural History for Naval Officers **19**, 187.
Preservation of Wood **3**, 73.
A Singular Case of Corrosion of Steel **21**, 502.
Standardizing U.S. Naval Electric Detonator **374**, 505.
Trial of a Sectional 6.5-cm. Mountain Howitzer (Tr.) **15**, 84.
The Valuation of Coal **13**, 221.
Munroe, Charles E.
Nitrogen Question from the Military Standpoint **131**, 715.
Projectiles Containing Explosives. R.A. Commandant **170**, 665.
Some Modern Developments in Methods of Testing Explosives (illus) **135**, 805.
Munroe, D.J.: Shooting Bull (anec) **543**, 595.
Munroe, F.M., Jr.: Why Use Acronyms? (C&D) **874**, 79.
Munroe, R.B. and Strane, A.J.: A Study of...Mettegang's Recorder **180**, 253.
Munson, H.G. **688**, 124.
Hydro and the Future (ProfNote) **681**, 128.
Murch, R.W. **584**, 1112. **594**, 913. **595**, 1024. **597**, 1255.
Fear Not (anec) **601**, 265.
N.A.S. Annapolis **584**, 1069.
Murdaugh, A.C.: When the Good Shepherds Were Blind (Abbazia) (C&D) **875**, 74.
Murder: E.N. McClellan **275**, 95.
Murdock, J.B.
The Cruise of Columbus in the Bahamas **30**, 449.
Naval Training Policy and System **106**, 431.
The Naval Use of the Dynamo Machine and Electric Light **21**, 343.
Notes on Naval Dynamo Machinery **68**, 345.
Our Need of Fighting Ships **98**, 247.
Protection of Hulls of Vessels by Lacquer **55**, 457.
School of the Officer **103**, 601.
Signals **104**, 937.
Torpedo Tubes in Battleships **107**, 547.
Murmansk
German Attacks on Murmansk Run. A.E. Sokol **598**, 1327. **608**, 1133.
Mission to Murmansk. C.V. Jackson **792**, 82.
Murmansk Run. W. Karig, E. Burton, and C.L. Freeland **515**, 25.
Our Russian War of 1918-1919. Kemp Tolley **792**, 58.
Murnane, E.L. **721**, 104.
Muros, R.L. **708**, 119.
Communist Terrorism in Malaya **704**, 51.
Need for Language Training (ProfNote) **696**, 142. **700**, 101.
Murphy, D.C., Jr.: A Texan Might Do Anything (anec) **652**, 641.
Murphy, E., and S.M. Hawkins: We Remembered the Maine **491**, 55.
Murphy, Edwin: Officers' Messes **174**, 1739.
Murphy, Elmer: Pearl Harbor Drydock **129**, 302.
Murphy, F.B.: Ocean Surveillance, New Weapon of Naval Warfare **816**, 38.
Murphy, F.M.
Lloyd's of London and World Maritime Traditions **771**, 79.
Seapower and the Satellites **801**, 74. **812**, 87.
Soviet Naval Goal: Satellite Seas **698**, 36.
Soviet Navy in the Mediterranean **769**, 38.
Murphy, F.X. **517**, 446.
Murphy, J.A.: Notes on the Swedish System of Physical Training **142**, 603.
Murphy, J.V. **422**, 592.
Murphy, J.W., Jr. **373**, 414.
Murphy, M.E. **420**, 251.
Commodore for Captain? **432**, 199. **435**, 730.
Murphy, R.P.W., and E.F. Black: South Vietnamese Navy **731**, 52.
Murphy, T.F.: Surface Ship Overhauls (C&D) **763**, 119.
Murphy, T.W.: NJROTC Comes of Age (ProfNote) **847**, 107.
Murphy, W.B.
Sea Soldier in the Sandwich Islands (OldNav) **897**, 65.
They Sailed to the Flying Boat's Future **753**, 82. **757**, 123.
Murphy, W.P.: "AcDuTra:" A Reserve's Judgment (C&D) **775**, 118.
Murphy (U.S.): Mission to Mecca: The Cruise of the Murphy. J.S. Keating **875**, 54.
Murray, A.K. (artist)
Admiral Spruance--July 1974 Cover.
Admiral Thomas H. Moorer, USN--Cover May 1971.
Nautilus (SSN-571)--April 1970 Cover.
Seabees at work during invasion of Southern France--March 1962 Cover.
Murray, B.H. **653**, 788.
Murray, J.A.: In VS, the Enemy Has Been Found and the Enemy Is Us (Chappell) (C&D) **896**, 70.
Murray, J.C.: Korean Truce Talks: First Phase **607**, 981.

Murray, J.D. **523**, 1220.
Murray, J.P. **714**, 111.
Murray, Sir John: See: Challenge of the Challenger.
Murray, K.D.I. **678**, 106.
Common Sense to a Scotsman (anec) **659**, 11.
Hot Drinks for All Hands (anec) **686**, 59.
Murray (USS) **212**, 1609.
Murrell, C.J. **729**, 101.
By What Yardstick? (anec) **723**, 83.
A Look at Lieutenants in Command at Sea **718**, 109.
Murwin, J.H.: Staff Work (anec) **698**, 159.
Musa, J.D. **653**, 780.
Mushashi (Jap): Design and Construction of Yamato and Musashi. K. Matsumoto and M. Chihaya **608**, 1103. **613**, 334.
Muscogee (CSS): The Forgotten Muscogee (Nbk) **721**, 145.
Muse, W.S.: The Battle of La Placilla **69**, 77.
Museums
See also: Models.
French Naval Museum **425**, 1082.
Hall of American Merchant Shipping (ProfNote). E.J. Long **751**, 146.
List of Maritime Museums throughout the world **756**, 4. **764**, 4.
Marine Museum, New York City **409**, 451.
Mariners' Museum, Newport News, Va. **408**, 294.
Mariners Museum (Pict). E.W. Sylvester **680**, 81.
Musée de la Marine. R.S. Crenshaw, Jr. **694**, 90.
Museum of Hygiene, Washington, D.C.: Founded **148**, 1495.
Nautical Museum **353**, 1068.
Naval and Maritime Exhibits in Washington, D.C. R. de Gast (photog.) **767**, 81.
Naval Aviation Museum at Pensacola (ProfNote). W.R. Davenport **782**, 122.
Naval Lyceum. S. De Cristofaro **582**, 869. **597**, 1255.
Peabody Museum of Salem (Pict). M.V. Brewington **672**, 97.
Penobscot Marine Museum **408**, 294.
San Francisco Maritime Museum
Origin of **685**, 108.
Pictorial **678**, 89.
Smithsonian Hall of Naval History **603**, 559.
Soviet Central Naval Museum (ProfNote). E.C. Fisher, Jr. **767**, 128.
Statens Sjöhistoriska Museum (ProfNote). E.C. Fisher **743**, 129.
Stockholm Marine: See: Models.
U.S. Naval Aviation Museum (Pict) **866**, 66. **870**, 91.
What You Don't See...at Pensacola Naval Aviation Museum **842**, 112.
Mushlin, H.R.: Civil Defense--An Operational Evaluation (C&D) **734**, 114.
Music: Songs of the Sailor **715**, 103.
Musser, J.B.
Bully Hayes **295**, 956. **304**, 492.
Walter Murray Gibson--Oceanic Adventurer **283**, 1709.
Musser, N.B. **303**, 396. **311**, 82. **318**, 739.
Lessons of Jutland Affecting Turret Armor **266**, 562.
Philadelphia Naval Reserve Armory **325**, 220.
USS Outside **319**, 786.
Mussolini, B. **280**, 1264. **298**, 1341. **312**, 166.
Mustard Gas: The Bari Incident. D.M. Saunders **775**, 35. C&D: **779**, 101.
Muster, Last General. S.E. Dickinson **593**, 793. **600**, 202.
Mustering-out Pay **499**, 1193.
Mustin, H.C.: Single Display Tactical Signals **105**, 203.
Mutiny
See also: Names of Countries, Subhead Navy.
Book Review **354**, 1225.
Chilean Navy **345**, 1572, 1588.
Constellation (USS) Flare-up: Was it Mutiny? P.B. Ryan **875**, 46. **878**, 83.
Death of Fleet. J.B. Brown **457**, 345.
English Navy **345**, 1565. **348**, 285. **352**, 921.
Essex, Suppressed Mutiny on. L. Hunt **369**, 1547. **374**, 548. **387**, 706.
Ewing Mutiny. T. Emmons and H.C. Votaw **635**, 62.
German Naval Mutiny, 1918. W. Husen **377**, 934.
German Navy, 1918: **235**, 1583.
Japan: Young Army Officers **347**, 122. **352**, 931.
Kiel, 1918. Beda von Berchem **365**, 999. **405**, 1611.
Mutiny--A Study. F. Pratt **350**, 528.
Naval Mutinies, Three Modern. J.D. Hayes **439**, 1285.
Potemkin Mutiny. G. Bennett **679**, 58.
Somers (U.S.) **273**, 2062.
Mutual Defense Insurance. W.C. Mott **573**, 1187.
Muzio Attendolo (It.) **351**, 769. **353**, 1076.
Muzzle Velocity, On the Relation Existing between Length of Bore and. C.A. Stone **23**, 99.
Myers, B.K.: Welcome to the War (Heinl) (C&D) **797**, 119.
Myers, G.B. **372**, 256. **424**, 899. **449**, 1019. **467**, 97.
Today's Challenge to Officers **472**, 765.
Zeiss Planetarium **405**, 1570.
Myers, J.M.: When Am I Committed to Collision? **838**, 41. **844**, 96. **846**, 88, 89.
Myers, J.T. **309**, 979.
Myers, John T.: Military Operations and Defenses: Siege of Peking **103**, 541.
Mylae, Battle off. J.J. Putman **695**, 90. **700**, 99.
Myoko (HIJMS) **337**, 400.
Mysteries of Sea. J.M. Morgan **212**, 1643. **220**, 909.
Mystery Ships
Q-Ship--Cause and Effect. R.W. Smith **603**, 533. **606**, 899, 900. **624**, 215.
Santee (U.S.) **411**, 632.
Mystic Seaport (Pict) **662**, 91.
Mystique of Command Presence (C&D) **792**, 107. **793**, 108.

N

N-3 (Jap. Airship) **300**, 147.
NC-4
Illustration **198**, 1415.
Pictorial **795**, 94.
NC Flying Boats
Design and Construction of the NC Flying Boats. G.C. Westervelt (illus) **199**, 1529.
Description **196**, 1062.
Naab, J.W., Jr.: Icebreakers and Icebreaking **712**, 45.
Nachi (HIJMS) **337**, 400.
Nadir Khan **322**, 1092.
Nadkar, G.K.: Mind Over Matter (anec) **796**, 57.
Naess Voyager: Flag of Convenience Ship (ProfNote). J.D. Hayes **764**, 157. C&D: **771**, 118, 119. **775**, 109.
Nagada (Chil.) **347**, 122.
Nagasaki, Dropping Atomic Bomb on. F.L. Ashworth **659**, 12.
Nagato (Jap. battleship): Launching of. **199**, 1622.
Nagle, F.W.: Weather and Command Decision **731**, 44.
Naisawald, L. Van L.: Destruction of the USS Maine--Accident or Sabotage? (C&D) **828**, 98.
Najaden (Dan.) **431**, 146.
Najaden (Swed.) **418**, 1722.
Nakajima, T. (joint author): See: Inoguchi, R.
Nakayama, Sadayoshi, and Masataka Chihaya
Japan's Phenomenal Shipbuilders **762**, 26.
Shipbuilding Technology in Japan (ProfNote) **787**, 140.
Nakayama, Sadayoshi, and Norman Stanford: Importance of Seamanship in War (ProfNote) **691**, 131.
Nakhimov School System: See: Blue Water Soviet Naval Officer. S. Shapiro.
Nalty, B.C. (co-author): See: T.R. Strobridge.
Nalty, B.C. and T.R. Strobridge: They Landed to Lower the Flag (OldNav) **825**, 62.
Name? What's in a (ProfNote). T.G. Martin **857**, 117. C&D: **833**, 102.
Names of Ships
An...account of names of men-of-war during early U.S. naval history. A. Farenholt **131**, 889.
British system of naming destroyers (1913): **148**, 1748.
Changes of names of seized German ships in U.S. **173**, 1508.
Historic names of British destroyers (1910): **136**, 1162.
Meaning of the Word "Maru" **166**, 2049.
Names of new U.S. battlecruisers (1917) and their history **171**, 1027.
Names of U.S. destroyers 1915: **160**, 2033. 1918: **183**, 1078. **189**, 2618.
Names of U.S. destroyers under construction (1917): **174**, 1795.
New names of German ships taken over by Brazil (1917): **178**, 2934.
New names of interned German ships **180**, 384.
New names of seized German ships **176**, 2312.
Naming children after ships: A Ship of One's Own (C&D) **845**, 94.
Naming Ships
See also: Christening, Ship.
Down to the Sea in Ships'--Names. W.F. Calkins **665**, 29.
Ships' Names **673**, 100.
This Business of Naming Ships. G.F. MacMullen **567**, 515. **573**, 1256. **579**, 537.
Where There's a Will, There's a River **675**, 104.
Nancy (See: Pelican).
Nanking, USS Noa and the Fall of. Roger Pineau **633**, 1221.
Nanpo Shoto, Incident in the. Bruce McCandless **845**, 67. **851**, 75.
Nansen's Fram: Great Ship's Last Mooring. R.L. Simons **407**, 83.
Nantucket Lightship **249**, 1935.
Nantucket (U.S.) **436**, 933.
Nantz, L.E.: Oil in Far East **280**, 1258.
Napier, E.T. **400**, 865.
Naples Revisited (Pict) **824**, 64.
Napoleon Bonaparte **367**, 1381. **377**, 890.
Craft Built for Invasion of England, 1798: **494**, 370.
Napoleon on Board Bellerophon. D.M. Quynn **604**, 628.
Napoleon's First Defeat. R.W. Daly **442**, 1727.
They Wanted to Rescue Napoleon. D.W. Thomson **484**, 794.
Napoleon I, Emperor of France
Naval strategy of. Study of Naval Strategy. R. Daveluy **134**, 404.
Strategy and Tactics of. See: Darieus, War on the Sea **125**, 134.
Napoleon III, Emperor **841**, 84.
Napoli (Italian airship) **227**, 130.
Napoli (It. battleship)
Launched; description **116**, 1004.

Napoli (Cont.)
Trials **133**, 279.
Narcotics
Conference **341**, 986.
Treaty **343**, 1284.
Narragansett (Motor ship) **209**, 1115.
Narragansett (USS): Goes Ashore **193**, 445.
Narrow Casting **310**, 1097.
Narrow-mindedness, Editorial on **312**, 176.
NARTU: Involuntary Recalled Naval Reservist **713**, 114.
Narutowitz, G. **240**, 376.
NAS, Quonset Point: Newport/Quonset Point Naval Complex (Pict) **803**, 80.
Nash, David: Those Wonderful Naval Aviators **699**, 84.
Nash, H.P., Jr. **697**, 119.
Nashman, Albert: All Back Full (anec) **714**, 63.
Nashville (CSS) **341**, 871.
Nashville (U.S.): See: Old Navy, Page from.
Nassa (HMS) **232**, 1017.
Nassau (SMS) **339**, 632.
Description **131**, 957.
Launched; description **126**, 705.
Nassau, Rathbun's Raid on. F.H. Rathbun **813**, 40.
Nastri, A.D. (co-author): See: E.L. Martin.
Natal (HMS): Launched; description **116**, 997.
Natal (USS): Loss of the Natal **161**, 300.
National Advisory Committee for Aeronautics **232**, 1036. **252**, 304. **265**, 493. **277**, 579.
National Aeronautics and Space Administration
Air Force XB-70 Program Goes to NASA (Nbk) **774**, 150.
Astronaut Corps, Above and Beyond. R.P. Wiggers, Jr. **836**, 46.
NASA to Probe X-Ray Stars (Nbk) **774**, 148.
Navy, MSTS to Run All DOD "Space Fleet" (Nbk) **736**, 152.
National Army (U.S.): See: U.S. Army.
National Command Authorities (NCA): Command and Control, Changeless--Yet Changing. D.T. Poe **860**, 22. **865**, 78. **871**, 80.
National Council on Marine Resources and Engineering Development (NCMRED) **803**, 50.
National Council for Prevention of War **322**, 1099.
National Council for Reduction of Armaments **233**, 1139.
National Debt
Debts of Warring Powers (1918): **183**, 1199.
Debts of World's Leading Nations (1914): **154**, 1831.
German's Huge Debt (1918): **182**, 956.
Germany's War Debt **178**, 3074.
National Debt of Germany, Feb. 1919: **193**, 478.
National Debts of the World (1913): **162**, 623.
National Defense
Civilian Command or Civilian Control? S.P. Ingram **783**, 26. **786**, 109. **789**, 107.
Domestic Tranquility and the Common Defense. J.J. Clark **834**, 38.
National Defense Act **341**, 983.
National Defense Reserve Fleet Sails Again (ProfNote). T.A. King **786**, 139.
National Economy: Economics of Sea Power. J.J. Clark and F.A. Lees **762**, 40. **766**, 133.
National Guard (U.S.): See: U.S. National Guard.
National Insurance Policy, ASW Coverage. T.D. McGrath **783**, 46. **789**, 113.
Nationalism
Abolish Nationalism **359**, 147.
American National Strategy. C.R. Brown **566**, 355. **574**, 1372.
Credo--The Main Mission. M.A. Ransom **416**, 1413.
Nationalism and Internationalism. A.T. Beauregard **370**, 1747.
Our Greatest Resource. D.L. Hamilton **482**, 509.
Security of National Interests. J.W. Greenslade **388**, 831.
National Maritime Day **365**, 1073, 1088. **366**, 1236. **376**, 866, 882.
National Merchant Marine Conference **276**, 356.
National Oceanic and Atmospheric Agency (NOAA) **803**, 51.
NOAA: The Other Silent Service (ProfNote). R.B. Zider **846**, 110.
National Policy
Function of the Navy. J.D. Chase **800**, 26. **805**, 93.
Military Aid and Comfort to Dictatorships. A.H. Victor, Jr. **793**, 42. **799**, 113, 115. **801**, 113.
National Policy, The Navy and. L.K. Pomeroy, Jr. **686**, 90.
Victory in Limited War. C.L. Parnell **796**, 26. **800**, 116, 117, 118. **804**, 92.
National Power: The Encircling Sea. J.J. Clark **793**, 26. **799**, 116, 117. **805**, 91.
National Recovery Administration **373**, 317.
National Research Council: Scope of the work of the Council **178**, 3015.
National Security
Difficult Decisions for a Democracy. R.A. Weatherup **688**, 48.
National Security in the Nuclear Age. K.W. Simmons **688**, 83.
Policy guidance: Expansion of the Military Mind. W.L. Jesse **856**, 24. **863**, 83.
Security by Enactment (National Security Act). C. Moran **542**, 403.
National Strategy
Frost, H.H. **270**, 1343.
National Strategy and Merchant Marine. G.D. Synon **570**, 877. **572**, 1139.
Nuclear Carrier and Modern War. Paul Schratz **834**, 18. **838**, 88. **842**, 86.
National Strength Through National Service. J.D. Alden **797**, 68.
National Survival: Distant Rampart. H.W. Rood **769**, 30.
National War College--a Civilian Appraisal. W.H. Hessler **637**, 272.
Nation in Arms and National Doctrine. J.M. Scammell **271**, 1684.
Nation's Safety Valve. D.P. Dakos **665**, 67.
NATO
See also: North Atlantic Treaty Organization.
ASW Situation. D.D. Lewis **674**, 55.
NATO Differs with USSR Over Baltic Naval Rights (Nbk) **828**, 124.
NATO Interested in Russian Fleet (Nbk) **796**, 151.
NATO--Keystone of Defense. W.F. Boone **674**, 23.
NATO's Naval Forces: Seapower and the Smaller Nations. J.J. Binnendijk **835**, 38.
NATO Naval Redeployment Sought By Secretary Laird To Counter Soviet Buildup (Nbk) **829**, 123.
NATO's Northern Flank. D. Wettern **797**, 52.
NATO, Now is the time for all good members... J.A. Robinson **791**, 38. **795**, 108.
NATO Sea Sparrow (ProfNote). C.D. Allen, Jr. **797**, 144.
NATO's Planning Board for Ocean Shipping (ProfNote). R.J. Barrett **806**, 124.
NATO Strategy and Flexible Response. C.H. Amme **771**, 58.
NATO Unit is Formed, New (Nbk) **791**, 146.
NATO--The Writing on the Wall. T.R. Milton **827**, 18.
Natori (HIJMS) **246**, 1346.
Natural Gas Fields: North Sea. W. Langeraar **767**, 20. **771**, 121, 122. **775**, 114. **779**, 111. **801**, 114. **803**, 94.
Natural History for Naval Officers, Postgraduate Instruction in. C.E. Munroe **19**, 187.
Natural Resources: Power in the Sea. S. Naymark **779**, 18.
Naumann, C.F.: If the Shoe Fits (anec) **809**, 59.
Nautical Almanac
See also: Navigation.
New Type (1950). E.A. Beito **562**, 1395.
Nautical Astronomy
See also: Altitude and Azimuth; Navigation; Satrs, Identification of; Time and Longitude.
Comment on Porta's "Two Astronomical Formulas." P.P. Blackburn **189**, 2600.
The Haversine in Nautical Astronomy. H.B. Goodwin **135**, 735.
A New Method in Nautical Astronomy. H.B. Goodwin **116**, 959. **120**, 1328.
Notes on use of great circle sailing chart for solution of problems in nautical astronomy. Armistead Rust **116**, 975.
Nautical Branch of Naval Observatory. A.G. Stirling **340**, 801.
Nautical Magazine: Centenary **346**, 1748.
Nautical Mile
Almanac, The. Simon Newcomb **7**, 33.
Length of a. J.E. Hilgard **20**, 317.
Nautical Mile. A.B. Moody **561**, 1257. **565**, 327.
Nautical mile word "milen" **447**, 765.
Nautical School, N.Y. State **330**, 759.
Nautical Surveying: See: Hydrography.
Nauticus (Ger. naval annual) **246**, 1344.
Nautilus (U.S.) **333**, 985.
See also: Farenholt, A. **128**, 1279 and Cover Pictures--July 1956.
Development of. S. Naymark **806**, 56.
Nautilus Polar Cruise, Significance of. R.D. McWethy **663**, 32.
Robert Fulton and. D.W. Thomson **476**, 1397.
Robert Fulton's Turtle Boat. W.R. Rowbotham **406**, 1746.
"School of the Boat" for. D.L. Axene **633**, 1229.
Voyage That Was Made. W.R. Anderson **660**, 65.
Navajo (SS): Engages U-boat **176**, 2397.
Navajo (U.S.) **463**, 1241.
Naval: See also: Subheads beginning with Naval and Navy under various countries.
Naval Action, 14th Century: See: Cover Pictures--July 1952.
Naval Academy
See also: Confederate States; Germany--Navy; Italy--Navy; Japan--Navy; France--Navy.
Academic Staff, First **392**, 1389.
Academy Due to Get New Fleet of Yawls (Nbk) **726**, 138.
Academy Swears-in Largest Class (Nbk) **776**, 141.
Address to 1928 Graduates. L.M. Multon **305**, 634.
Administration: Cruise Through the First Academic Journal. M.S. Tisdale **253**, 352.
Annapolis, Mother of Navy Men. A.A. Ageton **392**, 1499. **401**, 1033.
Annapolis "...the word is accountability" (Pict) **812**, 69.
Apartments **442**, 1828.
Aptitude Report, 1845-46: (illus) **503**,

17. Part II: **518**, 17.
Athlete as Naval Officer. C.H. Wright **559**, 1019.
Athletics--1845 to 1945. W. Aamold **512**, 1155. Part II: **518**, 105.
Athletic Training. W. Aamold **392**, 1560.
Aviation at Naval Academy. H.A. Baldridge **271**, 1632. **284**, 2003.
Aviation Course **202**, 2082. **205**, 453. **265**, 496. **268**, 1074. **295**, 1037.
Aviation, Naval, and Naval Academy. F.M. Hertel **539**, 37.
Baccalaureate at Graduation. G.V. Stewart **568**, 615.
Basic Education of Officers. W. Folk **264**, 274.
Beginnings of Naval Academy. C.O. Paullin **252**, 173.
Black Midshipman at the U.S. Naval Academy. R.L. Field **842**, 28. **849**, 91.
Blue and Gold Caduceus **730**, 124.
Book Review **335**, 138.
Boundaries of Past and Present **392**, 1442.
British Comment **543**, 628.
Building Program. J.B. Heffernan **385**, 364.
Candidate Material for Naval Academy, Selection and Procurement of Better. W.C. Ford and J.B. Stokes **504**, 131. Part II: **518**, 19.
Candidates, Proposed Method of Selecting. J.K. Taussig, Jr. **478**, 1679. **483**, 719.
Cemetery on "Strawberry Hill." R.R. Duval **510**, 937.
Changing Naval Academy. C.S. Alden **316**, 495.
Changing Profiles of the U.S. Naval Academy (Pict). Mary and M.E. Warren **724**, 95.
Chapel **449**, 1068.
Chapel: Angel of Church That Is at Annapolis. W.W. Edel **474**, 1067.
Chapel--Cathedral of Navy. S.C. Robert **512**, 1135.
Chapel Ship Model **460**, 907.
Chapel: Substitute for Zimmy. G. Howell **591**, 497.
Character and Success. A.H. Rooks **311**, 38.
Chart of Naval School and Environs, 1884: **503**, 6. Part II: **518**, 6.
Cheers **392**, 1482.
Civil War Annapolis. L.H. Bolander **417**, 1612.
Civil War Period, Newport, R.I. **407**, 146.
Civil War, U.S. Naval Academy and Annapolis During, 1861-1865. P.H. Magruder **510**, 909. Part II: **518**, 69.
Class of 1874: **615**, 602.
Class of 1882 Group **521**, 969. Part II: **518**, 156.
Class Ring Collection, Ninetieth Anniversary. W. DeWeese **398**, 514.
College and Technical School. H.E. Rossel **324**, 123. **325**, 225. **327**, 435-39. **330**, 748.
Col. Thompson and Bronze Doors of Chapel **299**, 82.
Commencement Address, 1952: Formula for Success. W.M. Fechteler **596**, 1123.
Crew, Naval Academy, Sixty Years Ago. H.S. Kimball **619**, 983.
Cruise Itinerary, 1920: **207**, 772.
Cruises **412**, 916. **413**, 1066. **424**, 937. **448**, 916. **449**, 1067. **544**, 801.
  Midshipman Cruises. K.W. Patrick **392**, 1545.
  Practice Ships. P.H. Magruder **375**, 623, 729.
Curriculum **357**, 1668.
Departments, Histories of **392**, 1414-40.
Description. C.L. Lewis **392**, 1443.
Distinguished Graduates in Civil Life:
  Churchill, W. **300**, 163.
  Cone, H.I. **307**, 819.
  Cooley, M.E. **303**, 434.
  Cramer, S.W. **306**, 727.
  Deering, C. **311**, 84.
  Duncan, W.B. **310**, 1117.
  Durand, W.F. **305**, 627.
  Earle, R. **312**, 173.
  Ferguson, H.L. **302**, 337.
  Hollis, I.N. **303**, 434.
  Littlehales, G.W. **318**, 745.
  McFarland, W.M. **298**, 1349.
  Powell, J.W. **297**, 1242.
  Robinson, R.H.M. **317**, 657.
  Smith, H.G. **308**, 934.
  Spear, L.Y. **320**, 925.
  Sprague, F.J. **301**, 248.
  Stout, G.C. **321**, 1013.
  Struble, G.W. **313**, 269.
  Thompson, R.M. **299**, 81. **333**, 1061.
  Wilbur, C.D. **304**, 529.
  Wilkinson, E. **314**, 361.
Drum and Bugle Corps **392**, 1492.
Early Days of the Telephone at the U.S. Naval Academy (OldNav). W. Aamold **869**, 70.
Education and Training at Naval Academy. H.F. Sturdy **518**, 153.
Education and Training of Midshipmen. W.E. Doyle **368**, 1438. **384**, 252.
Education Before War. H.L. Sargent **492**, 133.
Education of Naval Officer. F.K. Elder **489**, 1443.
Engineering Education, Early, and United States Navy. W.F. Durand **528**, 167.
Engineers, Cadet, Passing of. J.M. Ellicott **426**, 1123.
Entrance Requirements
  Greenman, W.G. **292**, 722.
  Percival, F.G. **473**, 922.
  Rooks, A.H. **392**, 1468.
Establishment of Naval School at Annapolis. H.F. Sturdy **503**, 1. Part II: **518**, 1.
Etchings **442**, 1828.
Etchings Academic Buildings. B.J. Smith **472**, 905.
Evolution of Naval Muesum. H.F. Krafft **277**, 476.
Extracurricula: Midshipmen Organizations and Activities. S.C. Robert **506**, 385. **518**, 47.
Extra-Curricular Activities. E.A. Grantham **392**, 1537.
Ex scientia tridens. G.B. Vroom **223**, 1167.
Fine Line at the Naval Academy. J. Calvert **812**, 62. **820**, 94.
Football, Early Games **430**, 1784. **434**, 575.
Football Games, Army-Navy
  1890: **418**, 1822.
  1933: **371**, 146.
  1934: **383**, 145.
  1935: **395**, 145.
  1936: **407**, 1370-43.
  1937: **420**, 156-62.
  1946: **531**, 586.
Foreign Affairs Conferences (ProfNote). D.M. Rubel and Paul Skarlatos **724**, 144.
Foreign Languages. H. Cope **493**, 271.
Forrestal Fellowship First Award **583**, 1017.
Forrestal Fellowships in Naval History. E.B. Potter **563**, 73. **569**, 715.
Fort Severn **423**, 669.
  Battery at Windmill Point. R.R. Duval **364**, 843.
Forty Years After. A.B. Clements **203**, 87.
Founding by Bancroft and Buchanan. H.F. Sturdy **392**, 1367.
French Naval Academy (ProfNote). S.K. Moore **736**, 144.
Government House, Colonial, of Maryland. P.H. Magruder **392**, 1405.
Graduates. W.E. Wilson **518**, 157.
Graduates Association **258**, 1342. **292**, 741. **330**, 777.
Graduates for Merchant Marine **345**, 1575.
Graduates in Civil Life **407**, 146.
Graduation Exercises at Naval Academy, 1854-1914. C.T. Houpt **514**, 1427. **520**, 837. Part II: **518**, 131.
Grounds **340**, 851.
Half Century of Frustration: Study of Failure of Naval Academy Legislation between 1800 and 1845: **616**, 631.
Hands Across Sea: gifts **613**, 334.
Healthy Minds in Healthy Bodies. A.A. Ageton **392**, 1552.
History and Tradition, Perpetuation of, at Century-Old U.S. Naval Academy. R.R. Duval **518**, 139.
History and Tradition, Perpetuation of, at U.S. Naval Academy Today. R.R. Duval **423**, 669. **426**, 1186.
Holloway Plan--Summary View and Commentary. J.L. Holloway, Jr. **537**, 1293.
Hundred Years of Naval Academy. L.H. Bolander **518**, 147.
Importance of Leadership. D.W. Knox **205**, 335. **212**, 1645.
Incentive in Junior Grade. W.A. Edwards **295**, 962, 1000.
In Defense of Trade Schools. R.A. Hall **533**, 801. **535**, 1105.
Intelligence Tests at Naval Academy. M.S. Tisdale **264**, 202.
Japanese Students. J.M. Ellicott **529**, 303.
June Week Pageant, 1937: **412**, 915.
Knox-King-Pye Board Report **318**, 746.
Leadership: More Valuable Junior Officer. H.B. Seim **543**, 597.
Learning at Naval Academy--Academic Departments and System of Instruction. E.W. Thomson **542**, 435.
Library of L. Gibson for **351**, 762.
Lucky Bag **600**, 207.
Maine's Mast **480**, 306.
Mess Halls **444**, 305.
Michelson in the Navy; the Navy in Michelson. D.M. Livingston **796**, 72. **800**, 115.
Midshipmen **344**, 1416. **354**, 1217. **356**, 1521.
  Midshipman's Day. W.H. Keen **392**, 1533.
  Origin **311**, 13.
Mission, Suggested. J.S. Barleon **379**, 1268. **383**, 105.
Museum **414**, 1214. **419**, 150. **422**, 631. **427**, 1389. **437**, 1085. **447**, 767.
  First 100 Years. H.A. Baldridge **511**, 1007. **518**, 79.
Names of Buildings, Streets... **423**, 669.
N.A.S. Annapolis, R.W. Murch **584**, 1069.
Naval Academy and Navy **316**, 563.
Naval Academy as Housekeeper: Feeding and Clothing Midshipmen. S.C. Robert **513**, 1341. **518**, 119.
Naval Academy as Undergraduate College. E.W. Thomson **541**, 271.
Naval Academy Collection of Paintings. S. Gunn **204**, 245.
Naval Academy Flying Squadron. J.F. Gillou **318**, 703.
Naval Academy in Bygone Days. P.H. Magruder **351**, 673.
Naval Academy in Transition. J.E. Williams **551**, 67.
Naval Academy of Today and Its Mission. Abbot, J.L., Jr. **691**, 31.
  Tisdale, M.S. **241**, 453. **249**, 1876.
Naval Academy, United States: It Belongs to Fleet. D.F. Sellers **404**, 1427.

Naval Academy (Cont.)
Naval Lyceum. S. De Cristofaro **582**, 869.
Navy Life Begins. E.M. Eller **392**, 1515.
New Curriculum: Breakthrough at the U.S. Naval Academy. H.O. Werner **728**, 54.
New Directions in Naval Academy Education. W. Hughes, Jr. **687**, 37.
The New Naval Academy. E. Flagg **92**, 865.
No Rose-Colored Glasses. W.S. Shields **553**, 337.
Officers and Gentlemen in Making. C.S. Alden **392**, 1494.
Old Landmark Recovered. B.E. Beavin **528**, 145.
Outstanding Naval Officers--Once Midshipmen. C.S. Alden **516**, 277.
Pan-American Week **448**, 916.
Pictorial: Robert de Gast and M.E. Warren (photog.) **768**, 93.
Planetarium, Naval Academy Gets. W.B. Hayler **588**, 168.
Porter's Order re Fish Horn **392**, 1492.
Prayer for Navy, Chapel **518**, 103.
Preparatory Class. P.D. Gallery **409**, 376.
Prizes to Graduates **424**, 937. **425**, 1083. **435**, 779. **437**, 1085. **448**, 915. **457**, 454. **467**, 150. **473**, 1056. **485**, 1043.
Public Address System in Language Instruction. G.E. Baker **387**, 632.
Rebuttal of a Young Sea Dog **722**, 110.
Reserve Midshipmen **480**, 306. **495**, 622.
Rhodes Scholarships **564**, 207.
Riesenberg, F., on attending **345**, 1563.
ROCTWO Program at the U.S. Naval Acacemy--Summer 1968 (ProfNote). Alexander Monroe and T.C. Lane **790**, 142.
Sailing: Fearless in the B.A. to Rio Race. W.E. Tobin, III: **754**, 66.
Sailing at Naval Academy
Pictorial Section **602**, 429.
(ProfNote). Stuart Finlay **777**, 138.
Sherman, V. **557**, 807.
Sailors in the Navy (Pict). A.F. Loomis **708**, 88.
Sail Training at the Naval Academy. (ProfNote). DeCoursey Fales **701**, 119.
Sampson Memorial Window **331**, 880.
Send Midshipmen to Sea. W.E. Brown **469**, 385.
Selection of Enlisted Men for Naval Academy. B.W. Decker **304**, 457, 489. **312**, 141.
Ship Models **327**, 472.
See also: Models.
Six-course at Naval Academy. W.O. Henry **231**, 725.
Songs **392**, 1483. **518**, 1.
Stadium, Navy-Marine Corps Memorial **651**, 548.
Strength Tests. L.H. Mang, P.V.H. Weems and F.K. Elder **347**, 91.
Superintendents of Naval Academy. R.S. West, Jr. **509**, 801. **518**, 59.
Tecumseh Figurehead **329**, 674.
Thompson Stadium **340**, 857.
Thoughts on Leaving Naval Service. W.J. Van Meter, Jr. **367**, 1323.
Three Craftsmen and Naval Academy in Moulding Man. E.M. Eller **273**, 2049.
Trident Literary Society **265**, 453.
USNA. J.J. Hughes **286**, 2500.
Vinson Warns Navy Graduates on Preparedness (Nbk) **739**, 149.
Virtue Rewarded. C.H. Wright **554**, 446.
Wars, Naval Academy in Five. L.H. Bolander **505**, 279. **518**, 35.
Why Educate Naval Officer? W.B. Prendergast **563**, 49.
Yawls **440**, 1530.
Naval Academy Preparatory School: NAPS Comes of Age. W.P. Mack and H.F. Rommel **572**, 1107.
Naval Administration
See also: Administration and Organization; Under names of countries.
British Naval Operations in the West Indies, 1650-1700: A Study in Naval Administration. R.W. Neeser **154**, 1599.
Naval Administration. S.B. Luce **104**, 839. **108**, 809.
Organization for navy department administration. Yates Stirling **146**, 435.
Principles of Administration. W.H. Bell **172**, 1173.
Truth About Naval Administration
Goodrich, C.F. **115**, 698.
Roberts, T.G. **114**, 315. **116**, 981.
Naval Affairs Committees, 1816-1947. R.G. Albion **597**, 1227.
Naval Air Basic Training Command: Prime 69. D.H. Guinn **795**, 50, 130.
Naval Aircraft Factory
Weyerbacher, R.D. **286**, 2428.
Ziegler, S.J. **275**, 83.
Naval Aircraft in the Next Decade (Nav-Rev). S.T. De La Mater **855**, 66. **859**, 90, 91. **860**, 86, 87. **864**, 78. **866**, 85.
Naval Air Development Center (Pict) **810**, 76.
Naval Air Engineering Center (Pict). B. Gallagher (photog.) **775**, 92.
Naval Air Interdiction **831**, 72.
Naval Air Reserve
Retention--A Survey (ProfNote). M.B. Boggess **840**, 108.
Reservists' Airlift to Vietnam (ProfNote). M.L. Levy **779**, 127.
Two-Two-Twelve-Three, The Brand-new Ball Game. Sigmund Bajak **815**, 53. **821**, 97.
Naval Air Rework Facility (NARF)
Clinic for Sick Aircraft. C.R. Pursley **800**, 55.
Newport/Quonset Point Naval Complex (Pict) **803**, 83.
North Island (Pict) W.M. Powers **880**, 62.
Naval Air Systems Command: NavAir Forever! (C&D) **853**, 88.
Naval Air Training: A Change Is Needed (ProfNote). D.R. Wright **804**, 115. **813**, 84. **815**, 83. **816**, 89. **817**, 92. **827**, 83.
Naval Air Transport Service
Navy Has Heart. B.L. Britton **548**, 1213.
Safety in Skies (Navy's Transport Flying Record). H.B. Say **547**, 1111.
Naval Amphibious School, U.S.: Counter-insurgency Training for the Navy (ProfNote). G.D. Brewer **772**, 136.
Naval and Foreign Affairs, Modern Realities in. H.C. Bucknell, III: **838**, 32. **847**, 90, 92. **850**, 84. **853**, 91.
Naval and Maritime Exhibits in Washington, D.C. R. de Gast (photog.) **767**, 81.
Naval Appropriations. See: Under names of countires.
Naval Architecture
See also: Bulkheads; Classes of ships; Models and model basins; Shipbuilding; Ships; Ventilation; Names of classes of war vessels.
Ancient Mystery of Naval Construction. W.B. Norris **356**, 1441.
Armament and Protection of Cruisers. W. Hovgaard **322**, 1082.
Battleship or Submarine? **153**, 1510.
Better Ships for Less Money. G.H. Rock **291**, 599.
Book Review **326**, 364.
British Composite Destroyer and Submarine **148**, 1746.
British torpedo-boat destroyer design (1911-12): **150**, 534.
Building Modern Armadas. V.H. Johnson **504**, 147.
Carrier and Cruiser Design. F. Sherman **333**, 997. **346**, 1710.
Cast Steel Ship Construction **181**, 649.
A Check in Size of Battleships Reached? Saner design of HMS Royal Sovereign **150**, 522.
Classification Societies. H.M. Heiser **408**, 220. **415**, 1313.
Comment on the size of battleships as a function of their speed. D.W. Taylor **121**, 133.
Construction Methods **228**, 301. **253**, 445. **282**, 1639. **343**, 1263.
Coppered Bottoms for United States Navy, 1794-1803. M. Maurer **508**, 693.
Cruiser designs **104**, 971.
Cruisers, 10,000 ton. G.H. Rock **341**, 967.
Cruiser Types. F.G. Percival **289**, 278. **293**, 798.
A Cycle in naval Architecture **182**, 911.
Decade of Transition--Our Early Steam Navy and Merchant Marine. R.T. Merrill **595**, 1005. **598**, 1367, 1371.
Design, Notes on **206**, 650. **208**, 980. **209**, 1112. **211**, 1512. **212**, 1657, 1662, 1667. **221**, 1091. **223**, 1436. **245**, 1187. **257**, 1169. **261**, 1875. **263**, 149. **265**, 500. **333**, 1039. **213**, 1862.
Designing the Next Aircraft Carriers. R. Leopold **898**, 33.
Design of British dreadnoughts (1914): **149**, 218.
Design of War Vessels as Affected by War. D.W. Taylor **212**, 1663.
Designing for Change: Present and Future. J.V. Jolliff and G.D. Kerr **857**, 30. **861**, 93, 94.
Designing the Navy's Ships (ProfNote). R.T. Miller **723**, 138.
English Warship Design **223**, 1433. **257**, 1137. **258**, 1358. **280**, 1182.
Error in calculation of weights of Austrian battleship **143**, 1108.
Float On, Float Off Ship (Nbk) **721**, 142.
French Cruiser Design **224**, 1612.
Future Construction **229**, 459. **241**, 483. **273**, 2209. **314**, 348.
Galley of the Future (ProfNote). E.C. Haley, Jr. **667**, 132.
German Warship Design **223**, 1433. **224**, 1618. **237**, 1964.
Gunnery Turret Design. H.F. Leary **223**, 1393.
Gun power and the design of ships **105**, 282.
Guns and Tons **276**, 353.
Influence of the Torpedo on Battleship Design **166**, 2042.
Influence of trim upon resistance of ships **135**, 665.
Is battleship subdivision a failure? **155**, 296.
Isherwood system of naval construction **144**, 1695.
Japanese Yards Plan Hinged Ships (Nbk) **721**, 146.
Large tonnage battleships, growth in favor and similarity of design **105**, 272.
Lessons of Jutland affecting design of turret armor. N.B. Musser **266**, 562.
Lessons of war, French view **213**, 1821.
Maier form hull construction **303**, 400. **340**, 839.
Merchant Ships: Cargo Ship Design. R.P. Holubowicz **770**, 73. **773**, 110. **776**, 98.
Naval Design and Washington Conference. P. Watts **235**, 1627.

Naval design engineer affected by limitation of armament. O.L. Cox and C.A. Jones **308**, 875.
New designs of naval vessels. F.T. Bowles **104**, 984.
New Destroyers. G.D. Hull **338**, 464. **341**, 963.
New method for determining the final diameter of a ship **134**, 501.
New Ship Design: Lost Identity (C&D) **842**, 84.
Passenger vessels from obsolete destroyers **215**, 106.
Pioneer Builders of Giant Ships. F.H. Wells **366**, 1175.
Post-treaty naval design. H.C. Bywater and M. Prendergast **273**, 2135. **276**, 316. **278**, 702. **279**, 917. **282**, 1568. **283**, 1775.
Price of Speed in Warships **126**, 743.
Scientific Ship Design. C.F. Goodrich **146**, 715.
Shape of Destroyer's Bows **134**, 611.
Shipbuilding
  Record building of Reid **206**, 531.
  Squantum, Victory Plant. R.R. Belknap **216**, 177.
Ship Characteristics Board (ProfNote). H.G. Corey **681**, 127.
Ship Design (ProfNote). J.E. Halligan **680**, 125.
Ship Designing by Computer (Nbk) **769**, 147.
Should the Navy Design Its Own Ships? (NavRev). R. Leopold **867**, 150. **873**, 76.
Size of battleships as a function of their speed. M.J.A. Normand **121**, 125.
The size of war vessels (1905): **117**, 371.
Size of Warships **298**, 1334.
Special steel in warship construction **152**, 1242.
Speed and armor in war vessels **157**, 963.
Split-Level Bridge. W.P. Hughes, Jr. **711**, 69. **717**, 114. **722**, 114.
Stability: See: Stability.
Stems, Safe, for Ships. T.W. Sheridan **388**, 812.
Stream Lines **125**, 376.
Stream line theory and collisions at sea **132**, 1313.
Strengthening the axial fire of HMS Queen Elizabeth **149**, 217.
Technical coordination **328**, 550.
Tendency in battleship design, 1904: **111**, 665.
Thornycroft shallow-draft ship for Chinese rivers **274**, 2394.
Three factors of battleship design. B.S. Bullard **189**, 2519.
Torpedoes in big ships **300**, 143.
Trend of warship design in Germany (1914): **149**, 206.
Triple vs. Quadruple Turrets. J.B. Gautreau **301**, 226.
Types of warships omitted in recent (1909) programs of naval construction **130**, 610.
U.S. Naval Ship Design: Platforms vs. Payloads. R. Leopold **870**, 30. **873**, 75.
Warship Design (1913): **150**, 541.
Warship design and the (European) war **163**, 983.
Warship Design: Ours and Theirs. J.W. Kehoe, Jr. **870**, 56. **874**, 73, 74.
War's Lessons in Naval Construction. D.W. Taylor **208**, 957.
Washington conference and naval construction. L. Fea **235**, 1626.
Wasted horsepower and economical trim. W.R. White **133**, 195.
Water-tightness. H.W. Pierce **337**, 325.
Welding versus Riveting in New Construction. M.G. Vangeli **408**, 164, 248. **412**, 863.
We Make Our Ships Ugly by Design (ProfNote). Philip Sims **861**, 113. **864**, 83. **866**, 87. C&D: **876**, 75.
What Naval Building Program Means to Design **308**, 879.
Yarrow and Co. yacht built on torpedo-boat lines **102**, 343.
Naval Arctic Research Laboratory. R.D. Wells **799**, 39.
Naval Aspects of War Debt Question. D.W. Knox **351**, 685.
Naval Attache System: Its Origins and Development to 1917. W.L. Sachse **519**, 661.
Naval Aviation
  See also: Aeronautics.
  C-121 ASW Conversion (Nbk) **734**, 145.
  Career Development for the Naval Flight Officer. S.F. Loftus **783**, 57. **786**, 110. **778**, 103, 104, 105.
  Combat Readiness Air Wing Training (Pict). Ed Holm **762**, 96.
  Developing the Fleet's Aircraft. A.H. Vito, Jr. **763**, 69.
  Fiber Optics and Naval Aviation (ProfNote). W.M. Powers **884**, 135.
  Future of Navy VTOL Systems. J.B. Kusewitt, Jr. **847**, 25.
  Keeping the Faith (NAMB) **884**, 102.
  Logistics Support of Embarked Aviation. J.B. Kusewitt, Jr. **863**, 41.
  Mission to the Royal Flying Corps. J.S. Halstead **744**, 78.
  NavAir Forever! (C&D) **853**, 88.
  Naval Air Basic Training (Pict). R. de Gast **744**, 95.
  Naval Air Development Center (Pict) **810**, 76.
  NFO
    and Squadron Command. P.T. Smith **806**, 40.
    No Longer UFO. P.J. Finneran, Jr. **862**, 26.
  Navy Retires Eight Squadrons (Nbk) **790**, 154.
  Our Coming Air-Capable Navy (NavRev). G.G. O'Rourke **891**, 90.
  Sea and/or Air (C&D) **842**, 97. **846**, 99.
  "Seawolf" Helo Pilots of Vietnam (ProfNote). A.E. Weseleskey **783**, 128.
  Slumbering V/STOL Program. J.R. Williford **733**, 74.
  Survival of the Fittest: Five Years Later. W.W. Turkington **884**, 58. **887**, 78, 79. **888**, 73. **890**, 86.
  Survival of the Fittest in Naval Aviation. J.E. Burgess **824**, 42.
  Task Force 77 in Action Off Vietnam (NavRev). M.W. Cagle **831**, 66. **835**, 90.
  They Sailed the Skies (Pict). J.G. Vaeth **792**, 90.
  Training Squadrons Get Improved Buckeye (Nbk) **738**, 155.
  U.S. Naval Aviation Museum (Pict) **866**, 66. **870**, 91.
Naval Aviation--History
  Annapolis: Navy's First Aerodrome. T. Ray **824**, 34.
  The First Three. T. Ray **821**, 34.
  Naval Aviation, The Beginning. T. Ray **815**, 32.
Naval Aviation Maintenance Program (NAMP): Right Thing for Naval Aviation. V.J. Lemmon and W.A. Schroeder, Jr. **839**, 26.
Naval Aviators
  Admiral Marc Mitscher: A Naval Aviator. Arleigh Burke **866**, 53. **869**, 79. **870**, 87.
  Black-Shoe in a Brown-Shoe World. A.G. Nelson **809**, 57. **813**, 89. **814**, 83.
  The Female Naval Aviator: A Free Ride? (NAMB) **871**, 84. **874**, 75. C&D: **876**, 76, 77. **884**, 91.
  The Naval Aviator--A Reassessment (C&D). J.O. Williams, Jr. **746**, 110.
  Simulators in Flight Training: A Pilot's View. C.A. Wheal **884**, 50. **889**, 84.
  White Sheep or Black Sheep? (C&D) **840**, 89.
Naval Bases
  See also: Naval Stations.
  Aerial Bombardment of Fleet Bases. C. Rougeron **368**, 1413. **371**, 100.
  Base Nonsense. W.C. Chambliss **504**, 203.
  British Select A-Sub Base (Nbk) **725**, 156.
  Camp Pendleton, California (Pict) **671**, 98.
  Caribbean--American Lake. E.R. McLean, Jr. **461**, 947, 1062.
  Case for "District Fire Stations" (ProfNote). J.F. Conlan **662**, 144.
  Chart **404**, 1426.
  Continuing Strategic Importance of Simonstown. D.C. Watt **800**, 50.
  Distant Stations. R.G. Albion **613**, 265. **619**, 1042.
  Fleet Repair Facilities Ashore. R.J. Walker **390**, 1120. **394**, 1844.
  Genesis of a Navy Yard. A.M. Johnson **631**, 993.
  Get Most Out of Your Navy Yard. J.R. Carmichael, Jr. **498**, 985.
  Great Britain
    Continuing Strategic Importance of Simonstown (C&D) **805**, 100.
    Evolution of Naval Bases in the British Isles. J. Stewart **653**, 753.
  How Naval Bases Can Sell Sailors Short. J.C. Shaw **584**, 1083. **590**, 439. **594**, 907.
  Huge War Facilities at Subic Bay (ProfNote). W.E. Dutcher **783**, 135.
  Hurricanes and Our New Bases. F.J. Nelson **463**, 1273.
  Industrial Engineering in Navy Yards. J.E. Smith, Jr. **502**, 1467.
  Island Bulwarks. C.I. Crockett **445**, 372.
  Malta--Maritime Base for Rent (ProfNote). B.B. Schofield **838**, 111.
  Mare Island Centennial (Pict) **619**, 1031.
  Naval Bases--Part and Future. H.G. Knox, F.R. Harris, and H.E. Kimmel **512**, 1147.
  Normandy Beachhead: Rhinos and Mulberries. W. Karig, S.L. Freeland, and E. Burton **514**, 1415.
  Pacific Area, Naval Preparedness in. Y. Stirling, Jr. **375**, 601.
  Philadelphia Navy Yard (Pict) **631**, 1004.
  Planning and Estimating at Navy Yards. L.S. Border **388**, 809.
  Porter's Dire Need of Bases. D.W. Knox **369**, 1537.
  Problem of American Overseas Bases: Some Reflections on Naval History. E.S. Pomeroy **532**, 689.
  Proper Conception of Advanced Bases. J.M. Kennaday **520**, 789.
  Puget Sound--Navy's New Frontier (ProfNote). C.H. Nelson, Jr. **729**, 120. **736**, 122.
  Sackets Harbor, N.Y.: Navy Point--World's Smallest Base. H.M. Rice **394**, 1795.
  Ships That Count. D.W. Knox **365**, 959. **368**, 1493, 1524. **369**, 1626. **404**, 1419. **410**, 559.
  There May Be Other Guams. R.M. Langdon **554**, 435.
  Twenty-four Fathoms--Underground (ProfNote). D. Wettern **829**, 121.
  U.S. Destroyers for British Bases. D.S. Greenberg **717**, 70.
  U.S. Naval Air Station, North Island (Pict) **665**, 94.
  U.S. Submarine Base, New London (Pict)

Naval Bases (Cont.)
U.S. Submarine Base (Cont.) **660**, 95.
U.S. Tests Floating Bases (Nbk) **723**, 157.
Naval Battles
See also: Names of wars and battles; names of countries, subhead Naval history; Warfare, Naval.
Ushant--and After. J. Maps **733**, 80.
Naval Boiler and Turbine Laboratory: Mechanical Instrument Repair and Calibration (ProfNote). M.R. Travalio **775**, 139.
Naval Bombardment: Mines, Big Guns Help Harass Viet Cong (Nbk) **772**, 141.
Naval Career
See also: Naval Service as a Career.
Captain's Comments **666**, 102.
Career Motivation **685**, 106.
Comments of a Lieutenant Commander **666**, 104.
Commissioned Vocation. M. Kniskern **689**, 49. **695**, 116. **699**, 122.
Ensign Considers **661**, 97.
Ideal Naval Officer. Carlos Conejero **668**, 71.
NAO--Navy's Newest Career Opportunity. H.C. Hogan **697**, 62.
Naval Career Motivation **670**, 120.
"OCS in the Navy" **685**, 107.
Open Letter to Junior Officers. C.W. Nimitz **684**, 48. **687**, 103.
Opinions of a Lieutenant **666**, 105.
Opportunities and Challenges of a Naval Career **672**, 114.
Qualities of the Ideal Naval Officer **673**, 100.
Reappraisal [of Officer Administrative Policies] Is Not So Agonizing. A.C. Leis **693**, 52.
Regular Speaks **661**, 97.
Seven Year Itch. W.A. Matson **662**, 75.
Time of Decision. Jonathan T. Howe **707**, 36. **714**, 107, 108.
Tribute to My Favorite Uncle. Frank Kaiser **690**, 68.
What's In It for Me? H.D. Hackett **692**, 50.
Naval Chaplaincy. R.H. Warren **798**, 54.
Naval Communications Station, U.S.: To Build a Link--Seabees at Diego Garcia (ProfNote). D.W. Urish **842**, 101.
Naval Construction
See also: Naval architecture; Shipbuilding; for vessels of war under construction; names of countries, subhead Navy; Vessels building.
Review of Post-War Construction. M.E. Holbrook **573**, 1231. **578**, 423.
Naval Construction Battalion: Seabees In Vietnam. W.D. Middleton **774**, 54.
Naval Contributions to Industry. E.L. Jahncke **332**, 888.
Naval Corps: See: Corps.
Naval Courtsmartial **157**, 924.
Naval Customs
See also: History.
No Eye--No See! (ProfNote). A.E. Wills **709**, 128.
Naval Development, World, 1898-1918. D.W. Mitchell **480**, 232.
Naval Eccentricities. F. Pratt **343**, 1192.
Naval Education
See also: Education; Names of naval educational institutions.
Australian Naval College in 1915: **159**, 1644.
British Admiralty and Training of Engineer Officers **140**, 1459.
British Cadet Cruises **139**, 1082.
British Entrance Examinations in History for Midshipmen (1910): **135**, 876.
British Midshipmen, Cost of Entry for Training, 1910: **135**, 876.
British Midshipmen, training of. **141**, 373.
British Naval Cadets: Age of Entrance at Osborne (1910): **136**, 1169.
British Naval Education at Osborne (1903): **108**, 980.
British Naval Education in 1907: **122**, 855.
British Officer Examinations, 1911: **140**, 1438.
British System of Making Officers. W. Hard (1917): **172**, 1246.
British System of Training Naval Officers (1908): **127**, 1062.
Chilean Naval Engineering School **142**, 752.
Chinese Naval Schools in 1914: **152**, 1178.
Christian Ethics an Element of Military Education. S.B. Luce **120**, 1367.
Earliest English Navigation, and First Schools of Warfare. T.G. Ford **118**, 473.
Education at the U.S. Naval Academy R. Hunt **163**, 701.
Education of the British Midshipman (1909): **130**, 586. **135**, 870.
Engineering Post-Graduate Schools from the Student Standpoint. E.E. Wilson **162**, 495.
English Naval Schools. C.L. Lewis **190**, 2765.
Entry and Training of British Cadets (1913): **150**, 525.
Entry of Cadets at Japanese Naval Academy **145**, 385.
Field...to be filled by a naval war college. W.L. Rodgers **138**, 353.
The Fleet and Its Personnel. S.P. Fullinwider **109**, 1.
France, Ecole Navale, 1908: **125**, 334.
French naval college in 1911: **140**, 1417.
French training for high command: Centre des hautes etudes militaires **137**, 284.
German naval school at Murwik, 1907: **123**, 1296.
How to meet the navy's greatest need. J.S. McKean **104**, 851.
Italian naval cadets, age of entry **142**, 767.
Japanese naval academy **112**, 897. **147**, 1352.
L'ecole naval in 1810: **136**, 1155.
The naval officer of the future (1911): **139**, 1062.
The navy and science **140**, 1479.
Number of midshipmen in British naval colleges (1911): **138**, 643.
On Wilson's "Engineering Post-graduate Schools.... L.H. Chandler **162**, 500.
Post-graduate course in Exposition. H.C. Washburn **199**, 1583.
Problem of engineers. U.T. Holmes **106**, 369.
Russian naval cadets' training **112**, 870, 897.
School of the captain. C.F. Goodrich **129**, 119.
School of the Officer
Hood, John **101**, 195.
McCormick, C.M. **103**, 603.
Murdock, J.B. **103**, 601.
Smith, R.C. **103**, 599.
Special Courses for British Officers (1914): **149**, 220.
The Study of Mathematics **139**, 1081.
Trained Initiative and Unity of Action.
Phelps, W.W. **146**, 830.
Yarnell, H.E. **146**, 833.
Trained initiative and unity of action: the true bases of military efficiency D.W. Knox **145**, 41.
Training of British cadets, 1908: **126**, 709. Training of Officers in Great Britain, 1905: **116**, 992.
Training of the (officer) personnel of the fleet for battle **137**, 209.
Two Early Proposals for Naval Education. W.O. Stevens **145**, 127.
The U.S. Naval War College **134**, 559. **135**, 683.
Venetian Naval College (1558): In Ford, T.G.: Dawn of Navigation, its books... **117**, 261.
What can be done to improve engineering in our navy today. V.N. Bieg **173**, 1463.
Naval Fighting Planes. F.W. Wead **342**, 1089.
Naval Flight Officer
Career Development for. S.F. Loftus **783**, 57. **786**, 110. **788**, 103, 104, 105.
NFO and Squadron Command. P.T. Smith **806**, 40.
NFO--No Longer UFO. P.J. Finneran, Jr. **862**, 26.
Naval Forces: Our Precarious Force Balance (C&D). J.A. Winnefeld **805**, 97. **808**, 105.
Naval Forces Summary
February 1973 (NavRev) **843**, 363.
February 1974 (NavRev) **855**, 303.
February 1975 **867**, 279.
Naval Gun in Vietnam (ProfNote). W.J. Stewart **770**, 132.
Naval Gunnery: See: Guns and Gunnery.
Naval Historical Foundation **279**, 1052. **288**, 264. **296**, 1142. **326**, 366. **334**, 1164. **348**, 321-23. **360**, 307, 309. **362**, 626. **372**, 291, 297. **384**, 297, 302. **396**, 301, 306. **408**, 298. **409**, 452. **411**, 765. **414**, 1213. **419**, 149, 153. **431**, 150. **443**, 154. **455**, 153. **480**, 310. **503**, 128. **516**, 346. **528**, 252. **540**, 268. **552**, 264. **566**, 469. **576**, 231. **588**, 232. **601**, 350. **639**, 572.
Donations to. **278**, 798. **287**, 135. **290**, 523. **329**, 590. **342**, 1147.
Manuscript Collection: A Catalog **869**, 107.
Naval Historical Foundation
Knox, D.W. **538**, 1479.
Shafroth, J.F. **703**, 139.
Progress of Naval Historical Foundation. D.W. Knox **567**, 545.
Naval History
See also: History; Names of wars, sieges battles and vessels; names of countries, subhead Naval History; Privateers and Privateering; Filibusters.
Comparative Studies in Naval History (C&D). J.K. Holloway, Jr. **749**, 114.
Recording Naval History in Vietnam (ProfNote). J.H. Robinson **799**, 144.
Naval Home
Governors of. G.H. Eckhardt **329**, 636.
United States. A. Gleaves **338**, 473.
Naval Hospitals: See: Hospitals.
Naval Institute
Acknowledgement of a [Photo] Courtesy **439**, 1381.
Address Changes **447**, 766. **448**, 917. **460**, 908. **470**, 601. **481**, 463. **501**, 1437. **564**, 235. **576**, 229. **579**, 567. **584**, 1135. **597**, 1167.
Administrative Chart **620**, 1186.
Admirable Servant, Occasionally Obsequious **548**, 1199.
Admiral Jerauld Wright Recordings Available **765**, 4.
"Admiral Nimitz" Room at Berkeley **755**, 5.
Ads in Old Proceedings **763**, 4.
Alfred Thayer Mahan Award **762**, 5.
Allan F. Wescott Memorial Award **653**, 809.
Amelia Earhart, Information wanted on fate of **741**, 5.
Annual Meeting, 95th: **792**, 24.
Anderson, George: Remarks upon acceptance of Office of President of

USNI 710, 164.
Anecdotes Wanted 523, 1265. 525, 1513.
Annual Meeting
94th: 782, 20.
96th: 802, 24.
102nd—in California 876, 3.
103rd, at Norfolk 889, 3.
Annual Meeting Reminder 890, 3.
in San Diego: 4.0—All the Way 880, 3.
Appreciation of Proceedings 359, 148. 369, 1670.
Articles
Minimum Rate 585, 1251.
Proceedings 361, 467. 367, 1383. 415, 1369. 419, 150. 451, 1372. 462, 1213. 476, 1508. 477, 1661. 489, 1531. 517, 487. 518, 625. 521, 1015. 525, 1513. 531, 635. 549, 1465. 580, 679.
Rates of Payment for. 591, 585.
Submission 346, 1746. 349, 459. 355, 1391.
Wanted for Proceedings 680, 161.
As Others See Us 441, 1675.
Associate Director Program 746, 5.
Associate Members Qualify for Regular Membership 894, 5.
Association of American University Presses 558, 971.
Author Fukuda's English 790, 24.
Author's Outline, Payment for 680, 161.
Author's Rights 544, 801.
Aviation History Manuscript Award 771, 4.
Awards
1958 General Prize Essay 661, 157.
1959 General Prize Essay 673, 149.
Awards of Merit, 1976: 878, 3.
Enlisted Prize Essay 645, 1253. 657, 1261.
General Prize Essay 637, 351. 649, 357.
Back Copies of the Proceedings 725, 4.
Bailey Collection 623, 129. 626, 491.
Bailey Collection Pamphlet, Availability of. 636, 241.
Banta, George, Jr., Obituary 890, 4.
Banta Company Golden Anniversary 832, 4.
Battle of the Coral Sea, Information Wanted on. 741, 5.
Battleship Evaluation 774, 4.
Benedict Arnold at Valcour Island, Information Wanted on. 739, 4.
Bibliography of Maritime and Naval Literature 683, 157.
Bills, Ballots, and Amendments 587, 115. 599, 117.
Binders for Proceedings 320, 926.
Blue Water Educational Institute 865, 3. 876, 3.
Board Member, New Ex-Officio 839, 3.
Board of Control (C&D) 886, 86. 892, 93.
Book Distribution 563, 117.
Book Service 697, 169.
Bookstore 728, 4.
Books Wanted 642, 911.
Boston Association of Naval Institute Formed 769, 4.
Bowler, R.T.E., Jr.: Appointment as Secretary-Treasurer 710, 165.
Bulletin on Military History of China 771, 4.
Bureau of Information 491, 117. 581, 789.
Business-Machine Fitness Reports 724, 4.
Business Manager H.G. Williams Retires (SecNotes) 826, 3.
Calendar 440, 1529. 441, 1676. 442, 1828. 447, 766. 449, 1068. 452, 1525. 453, 1680. 464, 1516. 523, 1265. 534, 1027. 560, 1205. 573, 1287. 574, 1401. 585, 1251. 586, 1367. 597, 1283. 598, 1379. 609, 1277. 622, 1421. 634, 1411. 646, 1361.
Certificate of Achievement Award 514, 1547.
Certificates of Membership 296, 1144.
Changes in Board of Control 726, 4.
Changes in Officers 364, 946, 947. 365, 1087. 366, 1236. 369, 1672. 377, 1034. 381, 1651. 386, 601, 605. 388, 905. 389, 1056. 393, 1737. 398, 612. 399, 765. 403, 1367. 412, 915. 421, 456. 424, 938. 425, 1083, 1084. 426, 1237. 434, 624. 437, 1086. 445, 461, 463. 446, 617. 447, 766. 448, 915, 917. 449, 1068. 452, 1526. 458, 605. 461, 1063. 464, 1517. 465, 1666. 469, 454. 470, 602. 473, 1056. 480, 306. 481, 461. 483, 774. 487, 1285. 491, 117. 492, 243. 494, 497. 498, 1075. 499, 1193. 501, 1437. 506, 485. 510, 1005. 512, 1269. 516, 345. 528, 251. 533, 893. 534, 1027. 542, 533. 544, 801. 546, 1065. 557, 855. 560, 1205. 562, 1437. 565, 353. 568, 705. 571, 1055. 573, 1287. 574, 1401. 578, 455. 581, 789. 582, 907. 585, 1251. 589, 349. 591, 585. 594, 937. 595, 1051. 596, 1167. 605, 815. 611, 121. 617, 837. 618, 957. 619, 1071. 620, 1187. 639, 571. 641, 795. 644, 1141. 629, 851. 632, 1187. 656, 1147. 665, 149. 666, 149. 667, 149.
Changes in Proceedings 284, 2176. 285, 2407. 341, 997. 342, 1147. 343, 1294.
Changes in Staff 677, 157.
Changes to Constitution and By-Laws 755, 4.
Checklist of Books to Begin 3/1959.
Chilean Naval Prize 721, 157.
Circulation
Larger, urged 380, 1392.
Membership... 300, 164. 311, 87. 314, 362. 332, 959. 341, 996. 342, 1148.
Communist Conspiracy, copies available 646, 1361.
Constitution and By-Laws 203, 93. 215, 81. 261, 1954. 419, 149. 475, 1358. 481, 461. 520, 889.
1968 Revision 783, 20.
Changes to. 892, 5.
Updated 868, 6.
Constellation Restoration 711, 173.
Constructive, Critical, and Controversial Articles 693, 103.
Contributors, To Our 392, 1570. 491, 117. 492, 243.
Controversial Articles, Proceedings 693, 161.
Controversial Articles Wanted 837, 3.
Correction to January Issue (1963): 720, 173.
Corrections to Proceedings 755, 114.
Cover Error 737, 5.
Pictorial. R.D. Heinl, Jr. 782, 98.
Practical Method of Predicting Fuel Consumption (ProfNote). G.D. Morin 827, 101.
Prognosis for Navy Medicine (ProfNote). C.L. Waite 827, 3.
Correspondence Course "The Economics of National Security" 721, 156.
Cost Effectiveness and Weapon Systems 724, 4.
Cost of Proceedings 250, 2133.
Cover Painting Exhibit at Mariners Museum 680, 161.
Cover Portfolios—Availability
for 1952: 628, 729.
for 1953: 630, 965.
for 1954: 631, 1079.
for 1955: 637, 350.
for 1956: 649, 356.
for 1957: 661, 156.
for 1958: 670, 164.
for 1959: 685, 156.
Cox, M.: Retirement 542, 533.
Discussions Invited 545, 933.
Distinguished Visitor Program 740, 5.
Anderson, G.W., Jr. 788, 24.
Burke, Arleigh 756, 5.
Krulak, Victor H. 799, 25.
Radford, A.W. 759, 4.
Ruge, F. 741, 5.
Tape Recordings 749, 4. 776, 5.
Dollars for Words 725, 4.
Donations 372, 293.
Naval Books to Schools and Libraries 796, 24.
Naval Documents for Museum 479, 145. 481, 463. 482, 615.
Navy Relief Society, 1943: 495, 623.
Paintings for Naval Academy 515, 127. 520, 889.
Dues
Bills 489, 1531. 490, 1655.
Increase for 1972 (SecNotes) 818, 3. 820, 3.
Increase in 1966: 746, 5. 752, 4.
Increase in 1970: 797, 24. 798, 24.
Increase in Dues 716, 164.
Increase to $12.50 for 1975: 856, 3.
Raised 665, 149. 670, 165.
Subscription Rates 559, 1089. 563, 117.
Early Steel Navy Photograph Wanted 769, 5.
Editorial Asistance to Proceedings Authors 693, 161.
Editorial Needs 701, 157.
Enlisted Prize Essay Awards 633, 1297.
Expansion Plans 698, 161.
Expansion Project 707, 173.
Extension Courses, Naval War College 727, 4.
Evers, C.G. 733, 5.
Fahey Collection of Photographs Acquired 862, 3.
Fahey Collection of Ship Pictures Acquired 801, 25.
Fiction Experiment 434, 623.
Fifty Years of Service. R.C. Smith 248, 1601. 368, 1417.
Financial Statement 626, 493.
Fishermen Part of Our Seapower? 802, 24.
Fleet Admiral Nimitz (SecNotes) 761, 4.
Flying, Reading and Writing 723, 4.
Foreign Editions of USNI Books 704, 171.
Foreign Exchange Offer 767, 5.
Format, New Proceedings (SecNotes) 803, 17.
Frontispieces for Sale 540, 267.
General Prize Essay Awards 625, 363.
General Prize Essay Contest (C&D). T.D. McGrath 737, 102.
George Washington University's Graduate Program in International Affairs 716, 165.
Golden Life Members (SecNotes) 818, 3. 830, 4. 842, 3, 4. 866, 4. 878, 4. 890, 4.
Great Pretense, pamphlet available 644, 1141.
High School Gift Subscription Program (SecNotes) 823, 5.
History of Naval Institute 728, 4.
Hochmuth Memorial Scholarship Fund 785, 25.
Honolulu Memorial Dedicated 759, 5.
IRS Approval (SecNotes) 822, 5.
Iwo Jima, Information Wanted on. 735, 5.
Jalbert, H.H.: Death of. 695, 161.
Japanese Dreadnoughts, Information Needed on. 711, 173.
John Adams (sloop of war): Information wanted on. 732, 4.
Langdon, Robert M. 775, 4.
Lapel Button 666, 149. 679, 157.
Leadership Essay Contest, Vincent Astor Foundation 858, 3.
Leadership Forum, New 870, 3.
Library and Photographic Services Department Established 871, 4.

Naval Institute
Lott, A.S.
Appointment to Staff **697**, 169.
Retires **878**, 3.
MacArthur Papers Accessible **787**, 24.
Mail Forwarding Service **428**, 1542. **455**, 150. **516**, 345.
Mailing Wrapper Proposed **405**, 1628.
Manuscript Format **702**, 161.
Map of Antarctic, Instructions for Purchase **649**, 357.
Marine Corps Documents Needed **697**, 169.
Master's Degree Program, George Washington University **715**, 164. **727**, 5.
McCandless, Bruce, Death of. **786**, 24.
Meetings and Reports **201**, 1901. **205**, 427. **213**, 1813. **217**, 400. **226**, 1933. **229**, 450. **238**, 2139. **241**, 549. **250**, 2129. **254**, 694. **261**, 1948. **266**, 700. **278**, 803. **290**, 522. **302**, 338. **314**, 361. **326**, 366. **338**, 568. **350**, 635, 638. **360**, 305. **362**, 625, 630, 631. **372**, 292. **374**, 585, 591. **384**, 297. **386**, 601, 607. **398**, 609, 614. **410**, 603, 609, 610. **422**, 631, 635. **434**, 625, 629, 630. **445**, 461, 466. **458**, 605, 609, 610. **470**, 602, 605, 606. **472**, 905. **482**, 621. **503**, 127. **504**, 257. **505**, 367. **506**, 485, 486. **515**, 127. **516**, 345. **517**, 487, 488. **518**, 625. **519**, 759. **520**, 889. **521**, 1015. **522**, 1141. **525**, 1513. **528**, 251. **529**, 378. **530**, 507. **540**, 267. **541**, 401. **542**, 535. **552**, 263. **553**, 385. **554**, 503, 504. **559**, 1089. **564**, 235. **565**, 353. **566**, 468. **576**, 229. **577**, 345. **587**, 115. **588**, 231. **589**, 349. **599**, 117. **600**, 237. **602**, 466. **611**, 121. **612**, 245. **613**, 365. **614**, 482. **624**, 243. **625**, 363. **636**, 241. **648**, 247. **650**, 469. **648**, 247. **650**, 469.
Membership and Subscription Information **377**, 1035. **381**, 1649. **383**, 149. **393**, 1737. **395**, 148. **399**, 764. **404**, 1523. **405**, 1668. **406**, 1817. **413**, 1065. **417**, 1677. **418**, 1829. **429**, 1695. **453**, 1680. **497**, 943. **515**, 127. **526**, 1635. **579**, 567. **602**, 465.
Membership Poll **632**, 1187.
Memorial, Proposed National Naval (SecNotes) **814**, 3.
Merchant Marine Issue **418**, 1829. **421**, 455. **422**, 631.
Michelson Hall Dedication **797**, 24.
Microfilm
Availability of Microfilm Index for Proceedings **688**, 177.
Proceedings and Index Available on. **648**, 247. **652**, 689.
Moran Seascape Available **755**, 5.
Morimer, T.J.: Retires After 44 Years of Service **869**, 4.
Museums, Naval and Maritime **756**, 5. **764**, 4.
Naval Academy Centenary Series **503**, 127.
Naval Academy Foundation **725**, 5.
Naval Aviation--Special Issue **884**, 3.
Naval Historical Foundation **759**, 5.
Annual Meeting **698**, 161.
Minutes **626**, 495.
Naval Institute
Defined **772**, 4.
Mission. J.G. Vaeth **743**, 100. **748**, 117.
Naval Record **776**, 4.
Naval Records Club **775**, 5.
Formation of **733**, 5. **744**, 5.
Naval Reserve Issue **423**, 785. **430**, 1845. **431**, 145. **432**, 297. **434**, 623. **436**, 934. **438**, 1233. **440**, 1532.
Naval Review, Members to Receive **797**, 24. **798**, 24.
Naval Trends Discussed in Proceedings Articles, 1951-1959: **686**, 111. **693**, 103.
Navy, Marine Corps, Coast Guard Residence Foundation, inc. **772**, 4.
Neither Poetry nor Fiction in Proceedings **668**, 149.
New Construction and Conversions, U.S. Navy. Availability of Pamphlet **638**, 461.
New Naval Institute President **703**, 175.
New Proceedings Editor **763**, 4.
New Staff Department **702**, 161.
New Staff Members **702**, 161. **790**, 24.
Nimitz Fund **713**, 157.
Nimitz Museum **776**, 5.
North American Society for Oceanic History, formation of **872**, 4.
Notes on International Affairs **365**, 1088. **543**, 669.
Nuclear Navy **721**, 157.
Oceanography 2000 Symposium **801**, 24.
Officer's Rights Court Fund **728**, 4.
Olympia Souvenir **660**, 157.
100th Annual Meeting **853**, 3.
Operation Helping Hand (SecNotes) **824**, 3.
Progress Report **822**, 5.
Oral History Program **800**, 24.
Organization chart **704**, 171.
Our Navy photo collection acquired **859**, 3. **863**, 83.
Ozalid Reproduction of Manuscripts **587**, 115.
Pacific War Research Association **759**, 5.
Patrol Squadron Four, Information wanted on **734**, 5.
Payment Rates for Proceedings Material **846**, 3.
Pay-Scale Calculator **732**, 4.
Photo Contest **723**, 4.
Photograph Collection **303**, 439.
Photograph Contest Announcement **731**, 5.
Photographs, Historic, Sought **575**, 115.
Photographs Wanted **466**, 1816. **468**, 305. **477**, 1660. **606**, 931. **618**, 957. **644**, 1141.
Photos Needed **696**, 165.
Photos of 1961, Ten Best Naval **705**, 177.
Pictorial Section Inaugurated **543**, 669.
Plaque, Banta Publishing Company **590**, 466, 467.
Positions Open on Editorial Staff **684**, 157.
Postagraph Reply Envelope **412**, 917. **417**, 1677. **419**, 149. **423**, 785.
President **637**, 351.
President's Address
McDonald, D.L. **758**, 4.
95th Annual Meeting **794**, 22.
Prize Essays
See also: Prize Essay.
Deadline for, 1962: **699**, 185.
Enlisted **542**, 533. **544**, 801. **549**, 1465. **550**, 1597. **551**, 133. **563**, 117. **573**, 1287. **576**, 229. **581**, 789. **584**, 1135. **586**, 1367. **588**, 231. **593**, 819. **596**, 1167. **598**, 1399. **609**, 1277. **614**, 481. **616**, 715. **626**, 492. **628**, 730. **629**, 851, 852. **639**, 571, 574. **640**, 686. **641**, 796. **650**, 470. **651**, 582. **652**, 690.
Enlisted, 1958 Announcement **664**, 118.
General **361**, 468. **366**, 1233. **369**, 1672. **373**, 445. **375**, 729. **379**, 1337, 1343. **381**, 1649. **385**, 449. **387**, 754. **393**, 1737. **394**, 1891. **397**, 457. **409**, 451. **418**, 1829. **432**, 297. **433**, 452. **435**, 780. **457**, 454. **460**, 909. **466**, 1816. **470**, 602. **478**, 1815. **481**, 461. **482**, 615. **490**, 1655. **492**, 243. **505**, 367. **512**, 1269. **515**, 127. **517**, 487. **524**, 1393. **526**, 1635. **529**, 377. **530**, 507. **536**, 1291. **541**, 401. **546**, 1065. **549**, 1465. **550**, 1597. **553**, 385. **561**, 1321. **565**, 353. **573**, 1287. **576**, 229. **577**, 345. **580**, 679. **588**, 231. **589**, 349. **597**, 1283. **599**, 117. **601**, 349. **609**, 1277. **613**, 365. **630**, 877. **631**, 1080. **632**, 1188. **633**, 1297. **643**, 1026. **644**, 1142. **645** 1253. **655**, 1034. **656**, 1148. **657**, 1262.
General, 1959 Announcement **667**, 57.
Significance of, 1879-1950. E.H. Clark, Jr. **582**, 799.
Significance of, 1879-1961. W.H. Clark, Jr. **709**, 35.
What Is Essay? **603**, 591.
Winners 1961: **697**, 169.
Winners 1962: **709**, 157.
Winners 1963: **721**, 156.
Winners 1970: **805**, 21.
Winners 1972: **830**, 3.
Winners 1973: **842**, 3.
Winners 1976: **878**, 3.
Proceedings
Article Rates Raised **761**, 4.
Back copies wanted by others **575**, 85, 115. **627**, 617.
Complete sets of **413**, 1065. **414**, 1215.
Cover **553**, 385. **586**, 1367. **590**, 467.
Double Duty **421**, 456.
Errors in Captions... **575**, 115.
Expand Discussion Column. C.G. Rucker **400**, 847. **405**, 1667.
For Sale **466**, 1817.
Index **577**, 345. **588**, 231. **600**, 237. **612**, 245. **624**, 243. **636**, 241.
In Praise of. **675**, 100.
Location of complete sets of **744**, 4.
Make-up Changes **485**, 1043. **486**, 1161. **488**, 1409.
Manuscripts **762**, 4.
Microfilms **608**, 1161.
New Format **802**, 24.
No Change in Name **635**, 123.
Notes on Book Limitation. J. Hanna **409**, 371. **412**, 870.
Picture Album **548**, 1281.
Publication Schedule **545**, 933.
Survey of Authors of. P.P. Welch **423**, 654.
Wanted **457**, 454. **462**, 1213. **483**, 774. **489**, 1531. **492**, 243. **500**, 1307. **502**, 1559. **503**, 127. **507**, 597. **511**, 1133. **521**, 1015. **540**, 267. **556**, 737. **567**, 589. **616**, 715.
Whole No. 600: **600**, 237.
Professional Notes
Articles Wanted **695**, 161.
Editor **624**, 243.
Professional Reading List Expanded **755**, 5.
Professional Writing **643**, 1025.
Propaganda Notice **441**, 1675.
PT Boats in Solomons, Information Wanted on **739**, 4.
Publisher's Note Concerning Publication of Zumwalt's "High-Low" Article **887**, 77.
Queenstown Association **703**, 175.
Queries
Information wanted on battle of Midway personal accounts **760**, 5.
Information wanted on British battleships **767**, 5.
Information wanted on Convoy PQ17: **760**, 5.
Information wanted on loss of Juneau **760**, 5.
Information wanted on Vittorio Veneto-class battleships **763**, 4.
Mt. Hood Explosion Details Needed **792**, 25.
Quotations wanted for Proceedings **686**, 161.
Radford Recordings available **761**, 4.
Replica of the Frigate Raleigh Planned **771**, 5.
Reprints and Quotations **494**, 497.
Reprints of Articles **561**, 1321. **563**, 117. **583**, 1017.
Reprints of "Paperbacks on Modern Warfare" **678**, 161.
Reprint, Permission to **598**, 1399. **607**, 1045.
Sailing Association, U.S. Naval **768**, 4. **775**, 112. **778**, 108.

Sailing, Navy **775**, 4.
St. Albans Scholarship for Sea Service Sons **792**, 25.
San Diego Annual Meeting: Additional Details **877**, 3.
Scott, D.Q.: Appointment to Staff **705**, 177.
SecNav Message **635**, 123.
SecNav's Questions **700**, 161.
Secretary-Treasurer, Permanent appointment **737**, 4.
Secretary-Treasurer's Annual Report **758**, 5. 1968: **795**, 18.
Security and Policy Clearance **628**, 729.
Seventy-Five Years of Progressive Naval Thinking. W.H. Russell **548**, 1251.
Shipping and the Union **840**, 3.
Simmons, Waynard: Retires After 39 Years of Service **869**, 4.
Sixtieth Anniversary **368**, 1417, 1525.
Sixty Years of the Naval Institute **368**, 1417, 1525.
Some Stories of Old Ironsides **342**, 1148.
South Street Maritime Museum Planned **771**, 4.
Stadium Fund Contributions **652**, 689.
Staff Changes **722**, 123. **729**, 4. **795**, 24. **797**, 24. **800**, 24. **801**, 25. **842**, 4. **846**, 3. **849**, 3. **870**, 4.
  Gerard Valerio; W.R. Platt (SecNotes) **828**, 3.
  Paul Stillwell to Replace R.A. Cohen **856**, 4.
State of Naval Arts (ProfNote) **650**, 444.
Stolley, Frederick T.--Obituary **873**, 4.
Stories Wanted **664**, 157.
Students, Reduced Membership Rates for **868**, 6.
Submarine Paintings, Availability of **638**, 461.
Submarine Warfare in Pacific, Information wanted on **739**, 4.
Subscriptions, Christmas Gifts **646**, 1361.
Suggestions Invited **491**, 117.
Swann Etchings Sale **334**, 1166, 1167, 1168, 1169.
Taylor, R.C.: Appointment as Managing Editor **695**, 161.
Thank You, Admiral Rickover (SecNotes) **820**, 3.
Third Thursday Society (SecNotes) **804**, 17.
The "In The's" Have It **777**, 4.
Thresher Fund **733**, 4.
Training Future Naval Officers **722**, 172.
Translation On A Destroyer's Bridge **365**, 1087.
Tribute to the Gambier Bay **882**, 3.
20th International Navigation Congress **703**, 175.
U.S. Naval Academy's Distinguished Visiting Professor Program **765**, 4.
U.S. Naval Sailing Association (C&D) **783**, 108.
U.S. Power Squadrons **760**, 4.
Value of Proceedings **351**, 794. **358**, 1843.
Veracruz Query **749**, 5.
Vincent Astor Essay Contest
  Winners of Second **881**, 3.
  Winners of Third **893**, 131.
Vinson Hall Needs Help **840**, 3.
Werner, H.O.: Resignation of **696**, 165.
Werner, Herman Oscar **774**, 5.
Westcott Memorial Essay Prize, Award of **641**, 795. **666**, 149. **677**, 157.
Weyer's Warships of the World 1968: **777**, 4.
What We Have Been Reading **444**, 306.
Who Are the Trainbusters? **638**, 461.
Who's Who of Authors **597**, 1283.
Why Belong...? **707**, 173.
World War I Marine Corps Photos Wanted **771**, 5.
Writing and Security **703**, 175.
Writing for the Proceedings **773**, 4.
Yorktown (U.S.): Information wanted on **732**, 5.
  Zumwalt Succeeds Moorer (SecNotes) **809**, 3.
Naval Institute--Expanding Professionalism
  Allan F. Westcott Prize Essay Contest for Midshipmen **848**, 74.
  Distinguished Visitor Program **848**, 75.
  Enlisted Prize Essay Contest **848**, 73.
  Naval Review **848**, 75.
  Oral History Program **848**, 75.
Naval Institute--History
  The Alger Years **848**, 65.
  Book Publishing **848**, 63.
  Documents for Creation of Naval Institute **848**, 5, 7.
  Early Growth and Development **848**, 54.
  First Book Published **848**, 63.
  First Hundred Years Are... R.C. Smith, III: **848**, 50. C&D: **852**, 88. **853**, 93, 94.
  Founding Fathers **848**, 52.
  Freedom of Speech **848**, 66.
  Headquarters and Branches **848**, 57.
  Meetings and Facilities **848**, 57.
  1873--The Best Was Yet To Be. J.R. Wadleigh **849**, 56.
  NROTC Awards **848**, 76.
  100th Anniversary of the Proceedings (C&D) **854**, 101.
  Photographic Contests **848**, 76.
  Presidents, 1873-1973: **848**, 8.
  Prize Essays **848**, 62.
  Proceedings, Volume I: **848**, 60.
  Seal--October 1973 Cover.
Naval Institute--Twentieth Century
  A New Home **848**, 69.
  Organization and Administration **848**, 68.
  Prize Essays and the Proceedings **848**, 70.
Naval Intelligence
  The Beachcomber and the Beachhead (C&D) **877**, 127. **884**, 97.
  The Beachcomber and the Beachhead. N.C. Vanzant **868**, 64.
  Cable Cutting. C.F. Goodrich **109**, 109.
  Naval Intelligence During War. C.F. Goodrich **106**, 357.
  Naval Secret Service Costs of World's Powers (1908): **128**, 1354.
  Service of information. In Daveluy, R.: Naval Strategy **132**, 1071.
Naval Investigative Service (NIS): What Do Lawyers Do? J.A. Bannerman **887**, 54. **894**, 71.
Naval Junior Reserve Officer Training Corps
  Junior NROTC Program (ProfNote). R.T. Williams **796**, 134.
  NJROTC: Profile and Practice (ProfNote). D.S. Capozzalo **869**, 97.
Naval Law: See: International Law.
Naval Limitation: See: Roosevelt, F.D.
Naval Literature
  Dawn of Navigation; Its Books, Theories and Instruments. T.G. Ford **117**, 209.
  Fighting Instructions of Hawke and Rodney **117**, 369.
  Great Britain: Plans for Nautical Archaeology Society (1910): **135**, 912.
  Naval Literature. Sir John Laughton **134**, 636.
  Potency of Naval Biographies. E.S. Maclay **138**, 541.
  U.S. Naval Literature. J.S. Barnes **106**, 333.
Naval Lyceum. S. De Cristofaro **582**, 869. **597**, 1255.
Naval, Maritime, and Military Forces, Summary of Major (NavRev) **831**, 331.
Naval Material
  Management in Acquisition. J.T. Cockrill **776**, 39.
  Naval Material Command Supplies Everything but People. I.C. Kidd, Jr. **870**, 66.
  Naval Material Support: Bureaus Go On Forever. T.W. Ray **779**, 50. **783**, 105. **787**, 111. **804**, 95.
Naval Medical Officer: Worst of Both Worlds (C&D) **815**, 85.
Naval Medical Research Institute, U.S. Naval Medical Research Institute (Pict). D.J. Deriso **748**, 93.
Naval Medical School: Why Not a Naval Medical School? J.L. Whatley **747**, 64. **751**, 116.
Naval Medicine: See: U.S. Navy Corps.
Naval Memorabilia, Snug Harbor for. S. Adams **676**, 71. **680**, 103.
Naval Missions: The Law of the Sea and Naval Missions. H.G. Knight **892**, 32.
Naval and Military Decorations. G. Richards **339**, 575. **340**, 857.
Naval Mirrors. R.P. Guiler **255**, 699.
Naval Observatory
  Kautz, A. **255**, 744.
  Nautical Branch of. A.G. Stirling **340**, 801.
  Naval Observatory, Its Functions. E.T. Pollock **281**, 1356.
  Naval Observatory: National Institution **311**, 31.
  Printed Treasurers in Library of. G.O. Savage **333**, 977.
  Telescope, Naval Observatory's New. J.F. Hellweg **383**, 9.
  U.S. Naval Observatory
    Hellweg, J.F. **404**, 1464.
    Pictorial **736**, 97.
Naval Oceanographic Office, U.S.
  A Chart Is Born (Pict). V.A. Moitoret **751**, 88.
  Drift Chart (Nbk) **792**, 158.
  New Look for Nautical Charts (ProfNote). V.J. Hertel **792**, 135. **800**, 112.
  Oceanographic-Hydrographic Training (ProfNote). W.L. Tressler **747**, 152.
Naval officer and civilian. W.O. Stevens **225**, 1725.
Naval officer as public speaker. G.E. Brandt **279**, 912.
Naval Officer in Diplomacy. H.S. Knapp **259**, 1473.
Naval Oil Reserve: See: Teapot Dome Oil Reserve.
Naval Ordnance
  See: Guns and Gunnery.
  Design of Naval Weapons. M.H. Hubbard **752**, 38. **756**, 107.
Naval Ordnance Laboratory, U.S.
  50 Years of Research (ProfNote). G.K. Hartmann **800**, 138.
  Naval Ordnance Laboratory (Pict) **764**, 104.
  White Oak, Maryland: Navy's Scientific Wonderland. H.N. Kay **590**, 389.
  NOL to Get 2-Million-Gallon Test Tank (Nbk) **758**, 182.
  Withington, F.S. **533**, 795.
Naval Ordnance Plants, New. J.J. Mathews **500**, 1217.
Naval Ordnance Test Station: NOTS, San Clemente Island (Pict). H.R. Talkington **688**, 93.
Naval Organization: See: Administration and Organization.
Naval Personnel
  See also: Personnel.
  Age and Naval Life **161**, 231.
  For Personnel of Specific Navies: See: Under Names of Countries.
  How to meet the "navy's greatest need." J.S. McKean **104**, 851.
  Naval Power. B.A. Fiske **139**, 719.
  Psychology of Naval Personnel. G.C. Thorpe **161**, 1.
  School of the Captain.
    Dillingham, A.C. **130**, 567.
    Goodrich, C.F. **129**, 119.

Naval Policy
See also: International Relations; Policy; Under names of countries.
Great Britain: At Full Stretch. B.B. Schofield **746**, 36.
Naval Postgraduate School, U.S.: Navy Ocean School Plans Expansion (Nbk) **776**, 141.
Naval Preparatory School, U.S.: Bainbridge: Naval Preparatory School—More Than 40 Years of Preparation (ProfNote). H. Ortland, III: **740**, 126.
Naval Presence: Missions of the U.S. Navy. S. Turner **862**, 18.
Naval Prestige, Meaning of. J.A. Lukacs **634**, 1351.
Naval Preventive Medicine, Advance of. E.H. Gleason **661**, 66.
Naval Prisons: See: U.S. Naval Prisons.
Naval Profession: See: Personnel.
Naval Programs
See also: Under names of countries.
Standard Naval Program, Suitable for Small Maritime Nations. L.H. Roddis **499**, 1115.
Naval Propellant Plant, U.S.: Naval Propellant Plant (Pict) **739**, 95.
Naval Reactor Program: "Underway on Nuclear Power"--Development of the Nautilus. S. Naymark **806**, 56.
Naval Rehabilitation: Laboratory for Battleship. W.E. Strope **498**, 955.
Naval Research
See also: Research and Experiment.
Naval Research Laboratory (Pict) **670**, 112.
Office of Naval Research--the Brain Game. C.O. Holmquist **859**, 44.
To America—With Pride. R.P. Brewer and W.J. Miller (comps and eds) **881**, 52.
Naval Reserve
ABC's of Naval Reserve. W.S.G. Davis **434**, 470.
Active Service. J.M. Bermingham **434**, 551.
As Navy Views Merchant Marine Reserve. W.W. Bradley **319**, 767.
Aviation **248**, 1734. **356**, 1535.
Aviator, Naval, in Reserve. H.C. Reisinger **373**, 381.
Notes on Aviation. J.B. Lynch **434**, 473.
Reserve, Navy's Stake in. C.D. Williams, Jr. **435**, 665.
Blue and Gold Officer--His Naval Academy Commitment (ProfNote). R. Lindsay **805**, 113.
Building an Effective Naval Reserve. G.F. Forster **361**, 387.
Career Dilemma of Naval Reserve Surface Line Officer. D.L. Woods **767**, 50. **771**, 120.
CCC Duty, Value of, to Reserve Officers. A.L. Wills **434**, 501.
Challenge of Adversity. F.S.M. Harris **369**, 1587, 1625.
Communication Reserve
Brooks, D. **421**, 350. **427**, 1342.
Naval. H.S. Scott **445**, 369.
Progresses. F.K. Tiffany **434**, 534.
Volunteer. H.F. Breckel **383**, 24.
Communications: Editorial **399**, 762.
Corn Belt Navy. R.C. Lowes, Jr. **434**, 513.
Cost-Effective Reserve Forces. J.G. Abert **837**, 52. **844**, 93.
Cruises Omitted, Training **352**, 920. **355**, 1368.
Cruising. M. Harris **345**, 1533. **351**, 747.
Destruction of the U.S. Naval Reserve (NAMB) **880**, 84. **885**, 81.
Development of U.S. Naval Reserve. C.R. Train **308**, 843.
Director Looks at Naval Reserve. D.E. Cummings **434**, 508.
Discipline, Naval Reserve. F.S.M. Harris **421**, 369.
Does Navy Need Naval Reserve Force? H.R. Bogush **247**, 1419. **250**, 2048. **252**, 261.
Educational Centers, Naval Reserve. E.B. Arroyo **400**, 832.
Examination of Officers **227**, 132.
Fifteen Days Training. R. Kelly **251**, 40.
Flood. R.J. Toner **426**, 1162.
Flying Corps **210**, 1339.
For the Reserves: A Workable System (C&D). H.C. Boschen, Jr. **806**, 93. **813**, 86. **824**, 97. **828**, 103.
Future of Naval Reserve. P.P. Blackburn **505**, 303. **508**, 714. **513**, 1354.
Great Lakes Training Squadron. R.J. Toner **410**, 538.
Groundwork for Today's Naval Reserve. G.W. Akers **434**, 494.
Hawaii 4.0. H.H. Meeker, Jr. **825**, 58.
History, Tradition, and the Naval Reserve (ProfNote). H.N. Kay **707**, 146.
How About Naval Reserve? W.S.G. Davis **445**, 352.
Inactive Line (ProfNote). G.V. Brown **718**, 137.
Indoctrination. F.S.M. Harris **434**, 527.
Involuntary Recalled Naval Reservist **713**, 114.
It Won't Happen This Time. F.M. Curran **455**, 56.
Junior Naval Reserve Officer and Military Command. L. Skinner **487**, 1165.
Kings Point and Naval Reserve **528**, 201.
Legislation, Proposed **407**, 147.
Let's Not Take the "R" Out of the NROTC **668**, 100, 101, 102.
Let's Take the "R" Out of NROTC (ProfNote). S. Dombroff **656**, 1136.
Merchant Marine, Naval Cooperation with Our. W.O. Spears **389**, 957.
Merchant Marine Naval Reserve **427**, 1338.
Merrill, R.T. **434**, 463.
Merchant Marine Naval Reserve and Its Value. W.R. Shoemaker **286**, 2528.
A Plea for. L. Di Palma **410**, 477.
Merchant Marine Reserve
Cruise of 1937. A. Horka **425**, 975, 1037. **428**, 1492.
Ideal. E.H. Peterson **408**, 169.
Merchant Marine Reserve vs. U.S. Fleet Reserve. J. Katterfield **331**, 803. **334**, 1132. **336**, 248.
Merchant Marine Reservist, What Benefit? T.C. Conwell **400**, 836.
Officer, Training. L. Di Palma **418**, 1760, 1777. **427**, 1337.
Thoughts of Merchant Marine Reservist. H.C. Howe **442**, 1737. **446**, 567.
Merchant Naval Reserve. J. Hanna **343**, 1187. **346**, 1701.
Merchant Officer's Place in Naval World. K.B. Fitzgerald **444**, 224. **447**, 719. **453**, 1631.
Midshipmen Training **450**, 1168, 1215. **451**, 1371. **454**, 1834. **461**, 1062.
Midshipman--U.S. Naval Reserve. F.M. Curran **454**, 1741.
Naval Reserve. F. Riesenberg **254**, 654.
Naval Reserve Force. J.A. Schofield **259**, 1453.
Naval Reserve Force Destroyers: The Second Team (ProfNote)? W.G. Carson **864**, 95. **868**, 76, 77.
Naval Reserve in 1922: **228**, 295.
Naval Reserve in Peace. C.L. Poor **203**, 39.
Naval Reserve Liaison Officer. F.R. Francke **363**, 669.
Naval Reserve; Looking In and Out. H.R. Snyder **258**, 1296.
Naval Reserve Officer
An Appreciation. J. Snedeker **521**, 917.
Postgraduate Dilemma (C&D). W.J. Veigele **803**, 94.
Naval Reserve Officers Training Corps
Nimitz, C.W. **304**, 441. **307**, 781.
Salute to NROTC (Pict) **603**, 543. **604**, 661.
Naval Reserve Surface Program: Give Us the Ships! A.A. Balunek **830**, 34. **837**, 92. **838**, 87.
Naval Reserve Training. E.S.R. Brandt **261**, 1786. **268**, 1024.
Naval Reserve Training Courses. H.W. Baldwin **338**, 513.
New Deal for Naval Reserve. H.H. Frost **275**, 51.
Officer, Seasoning Reserve. W.H. Sands **496**, 675.
Organizing **204**, 284. **259**, 1462.
Our Civilian Navy. M. Radom **504**, 187.
Personnel
Henning, E.R. **235**, 1507.
Naval Personnel of Today. A. Andrews **404**, 1402.
Strength **348**, 289.
Philadelphia Armory **325**, 220.
Plea for Merchant Marine Naval Reserve. R.H. Leigh **296**, 1068.
Plight of Merchant Marine Naval Reserve. R.R. McNulty **314**, 335.
Policy **203**, 124.
Post-War Naval Reserve. H.G. Copeland **520**, 813. **523**, 1221.
Post-War Technical Naval Reserve **511**, 1083.
Preliminary Appraisal of Naval Reserve Officers. D.O. Root **477**, 1526.
Problems of Reserve Battalion Commander. R.F. Collins **434**, 539.
Quality, High, of Our Reserve. H.C. Reisinger **381**, 1526.
Readying Naval ROTC's for War. W. Exton, Jr. **472**, 814.
Recruiting, Selective, for Naval Reserve. A. Fisher **438**, 1161.
Reorganizing the Naval Reserve--Again (ProfNote). M. Leavitt **858**, 109.
Research Reserve, Neglected Resource. W.J. Veigele **798**, 82.
Reserve Looks at Navy. D.O. Root **495**, 533.
Reserve Officers and Promotion. G.D. Saunders **784**, 67. **788**, 111. **789**, 109.
Reserve Officers' Training Corps: Bonanza. R.M. Ihrig **410**, 534.
Reservist Regrets. M. Harlow **523**, 1163. **526**, 1591.
ROTC
Navy Units **261**, 1890. **283**, 1800. **300**, 166.
Students Become Ensigns of Line. F.J. Nelson **458**, 539.
What Is Naval ROTC? R.D. Heinl, Jr. **399**, 702.
Shipboard Seminars for Reserves (ProfNote). G.D. Saunders **726**, 125.
Sea Duty for Volunteer Reserves. C.B. Carroll **421**, 376.
Seasoning Reserve Officer. W.H. Sands **496**, 675.
Selected Reserve. W. Thompson **707**, 69. **713**, 116. **726**, 100. **731**, 104.
Small Boat Experience. H. Telsey **487**, 1218.
Standby Squadron. W.H. Vernor, Jr. **593**, 729.
Suggestion for Naval Reserve Training. E.S.R. Brandt **261**, 1786.
Supply Corps, Training Reserve. J.J. Lennox **375**, 647.
Texan Has Flad of. **349**, 437.
Three Functions and Three Needs of Naval Reserve. S. Scott **260**, 1646.
Training **455**, 149.

Suggestions for Training of Volunteer Naval Reserve. F.W. Peck **434**, 503.
Training Reservists Aboard Destroyers. R.S. Field **316**, 502. **318**, 709. **322**, 1063.
Why Not Progressive Training? F.C. Huntoon **434**, 555.
War-Time Specialist--Naval Reserve Officer. R. Moses **434**, 560.
Naval Review 1968
C&D: **786**, 106.
V/STOL in the Navy (C&D) **792**, 109.
Naval Reviews: Past and Future Grandeur: The 1893 Naval Review (OldNav). D.H. Wicks **880**, 72.
Naval Science: "Professionalism": A Wardroom Debate. J.T. Strong **759**, 72. **764**, 122.
Naval Sea Cadet Corps Observes 10th Birthday (Nbk) **834**, 118.
Naval Service: See: Old Navy.
Naval Service as a Career
See also: Naval Career.
Art Science, and Innocence Involved in Becoming Chief of Naval Operations. J.H. Horrocks, Jr. **803**, 18. **808**, 104. **810**, 101.
Both Sides of the Picture. J.O. Hoffman **321**, 938.
Career Development for the Naval Flight Officer. S.F. Loftus **783**, 57. **786**, 110. **788**, 103, 104, 105.
Career Officer As Existential Hero. D.G. Deininger **813**, 18. **818**, 91. **820**, 93. **821**, 98. **823**, 96. **824**, 96. **827**, 91. **828**, 104. **830**, 99.
Career Planning
Myth or Reality? R.T. Speer **742**, 69.
ProfNote: Arthur Coday **746**, 133.
Credible Incentive. W.A. Golden **737**, 75. **740**, 92, 94, 97. **742**, 107, 110, 111.
Half a Career. S.A. Swarztrauber **756**, 70. **759**, 125, 126. **762**, 116, 117, 118, 119.
Meaning of Service. J.T. Howe **743**, 76. **747**, 115, 116.
Men in the Middle. J.M. Purtell **798**, 61. **802**, 107. **803**, 104, 105. **804**, 99. **805**, 95.
The Most Enjoyable Non-Career-Enhancing Billet in the Navy. R.A. Fliegel **892**, 40. **895**, 81.
Naval Career. T.C. Kinkaid **675**, 43.
Naval Careers **690**, 113.
Naval Officer's Career--Exigencies of the Service. R.H. Smith **824**, 18. **830**, 94. **836**, 100.
Not Enough Good Men. R.H. Smith **771**, 88. **776**, 108.
One's Own Destiny. J.C. Fritz **785**, 38.
The Silent Vote. F.G. Dengler **816**, 34. **820**, 92, 93. **821**, 94, 95. **824**, 92. **828**, 105.
Stranger in the Crowd. K.C. Jacobsen **859**, 32. **863**, 75.
This Way to the Egress. A.D. Wood **763**, 92. **766**, 132. **769**, 107, 109. **773**, 110.
Naval Service as a Profession: Discipline and the Profession of Naval Arms (NavRev). C.L. Bekkedahl **891**, 186.
Naval Stations
See also: Docks; Naval Bases.
Administration. R. James **206**, 509.
Administration as Problem in Industrial Engineering. J. Reed **206**, 509. **208**, 903.
Administration of Industrial Work. H. Williams **270**, 1391.
Advanced Naval Bases. S.F. Staple and D.J. Munro **261**, 1868.
Atlantic Coast **205**, 454.
Bases of England for U.S. **328**, 545.
Base vs. Dockyard **317**, 629.
Board of Navy Commissioners, 1815: **298**, 1309.
Brooklyn, N.Y.: Sub. rescue chamber **349**, 376.
Chart of World's **332**, 948.
Costs in Navy Yards. G.H. Rock **253**, 424. **256**, 970.
England **322**, 1091. **331**, 855.
Historic Cavite Navy Yard. H.F. Cope **331**, 811. **333**, 1030.
History of Washington Navy Yard. W.D. Leahy **308**, 869.
Industrial Organization. C.W. Fisher **231**, 761. **235**, 1539.
Japan: Ominato Fire **344**, 1418.
Naval Bases. H. Russell **276**, 367.
Navy Yard in Wartime. I.I. Yates **207**, 713.
Operating Bases Abolished **356**, 1521.
Pacific Coast **226**, 1963.
Pearl Harbor
Cost **356**, 1521.
Dillingham, W.F. **327**, 403.
Planning and Estimating. G.H. Rock **244**, 969.
Plans **237**, 1966. **243**, 865. **248**, 1729. **249**, 1906.
Repair Plants **231**, 822.
Retrenchment vs. Pork Barrel **351**, 761. **353**, 1066.
Singapore: See: Singapore Naval Base.
Strategic Naval Bases Throughout World. W.H. Burns **311**, 66.
Suggested Base for Scouting Fleet. H.O. Hunter **294**, 843.
Yards as Industrial Establishments. G.A. Bisset **233**, 1107.
Naval Statistics: See: Navies.
Naval Stores and Supplies: See: Supplies.
Naval Strategy
See also: Estimate of the situation; Logistics; Naval Tactics; Scouting and Screening; Submarine Warfare; War; Names of Wars and Battles; Strategy and Tactics.
Battle of the Sea of Japan
Schroeder, S. **117**, 321.
Wainwright, Richard **116**, 779.
Comment on Lt. Dewar's papers on speed in naval tactics and strategy. A.P. Niblack **124**, 1385.
Conquest of Territory Overseas. R. Daveluy. H.S. Knapp, Tr. **127**, 957.
Coordination before and during war. F.K. Hill **142**, 563.
Extracts from Mahan's "Naval Strategy" W.T. Lightle **155**, 155.
A Fascinating Study. L.A. Cotten **158**, 1121.
General Problem of Naval Warfare. D.W. Knox **161**, 25.
German Naval Strategy Across Two Wars. F. Ruge **624**, 153.
Gleanings from the Sea of Japan. S. Schroeder **117**, 47.
Great Lesson from Nelson for Today. D.W. Knox **150**, 295.
Letters on Naval Strategy. H.H. Frost **184**, 1241. **185**, 1465. **186**, 1763. **187**, 2025. **188**, 2297.
Major Elements of War Efficiency. L.A. Cotten **131**, 667.
The Movable Base. A.C. Cunningham **109**, 181.
Naval Might. R. Hunt **141**, 9.
The Naval Profession. B.A. Fiske **122**, 475.
Naval Strategy
Fiske, B.A. **162**, 387.
Luce, S.B. **129**, 93.
Naval Strategy in a War Between England and Germany (1911). W. Hovgaard **137**, 101.
Naval Strategy in the Balkan War (1912): **144**, 1691.
Naval Strategy of the Russo-Japanese War. (Maps). L.A. Cotten **133**, 41.
1939. E.M. Eller **848**, 94.
North Sea Strategy **137**, 289.
Organization of the Fleet for War. R.W. Ingersoll **147**, 1009.
Preparation in Peace and Success in War. W.H. Beehler, Tr. **143**, 893.
Some strategical sketches. W. Hovgaard **168**, 233.
Speed and gun power in strategy **155**, 293.
Strategic Problems and Their Solution. R. von Labres. J.F. Leys, Tr. **153**, 1409.
Strategy, Tactics, Logistics and Invention. B.A. Fiske **178**, 2793.
Study of Attacks on Fortified Harbors (Maps) **111**, 533. **112**, 709. **113**, 97.
Study of Naval Strategy. R. Daveluy **131**, 903. **132**, 1057. **133**, 126. **134**, 393.
Trained Initiative and Unity of Action. D.W. Knox **145**, 41.
Value of the Aeroplane in Naval Warfare **145**, 403.
Value of Destroyers: The Destroyer... Y. Stirling **134**, 469.
Value of Speed in Tactics and Strategy. A.C. Dewar **124**, 1367.
War and Policy. J.S. McKean **149**, 1.
War on the Sea. G. Darrieus. P.R. Alger, Tr. **125**, 97. **126**, 427.
Naval Supplies and Stores: See: U.S. Navy. Supplies and Stores.
Naval Support Activity, DaNang
Civic Action--NSA, DaNang Style (ProfNote). J.V. Cricchi **805**, 118.
Maritime Support of the Campaign in I Corps (NavRev). F.C. Collins, Jr. **819**, 156.
Naval Tactical Data System: PIRAZ (ProfNote). G.E. Lockee **794**, 143.
Naval Tactics
See also: Submarine warfare: Scouting and Screening; War games and problems; Names of battles.
Another Argument for Speed in Battleship Design. Y. Striling **125**, 247.
The Battleship Battle **122**, 894.
Battleship best adapted to the Italian Navy and considerations of its tactical employment. R. Bernotti **129**, 189.
Battle Tactics. R.A. Dawes **160**, 1873.
The Broader Study of Tactics. A.C. Dillingham **119**, 1113.
Column as a Battle Formation
Bronson, Amon **147**, 959.
King, E.J. **147**, 962.
Knox, D.W. **147**, 949.
Comment on Lt. Dewar's papers on speed in naval tactics and strategy **124**, 1385.
Concerning the tactical employment of torpedo boats. L. Vannutelli **136**, 1101.
Control of Fleets in Action. H.H. Frost **158**, 1053.
Cruising in Formation. R.R. Belknap **141**, 194.
The Day Torpedo-Boat Attack. R. Bernotti **152**, 1155.
Elements of Fleet Tactics **118**, 683.
Alger, P.R. **118**, 868.
Barry, E.B. **118**, 680.
Brownson, W.H. **118**, 676.
Niblack, A.P. **118**, 387, 675.
Rush, W.R. **118**, 678.
Wainwright, Richard **118**, 682.
A Few Hints to the Study of Naval Tactics. W.W. Pye **125**, 1.
The Fight for the Initial Position. H.F. Bryan, Tr. **126**, 581.
Fighting Instructions of Hawke and Rodney **117**, 369.
For the Broader Study of Tactics. C.F. Goodrich **118**, 673.
Four Ship Tactical Unit in French Navy

Naval Tactics (Cont.)
Four Ship Tactical Unit in French Navy (1913): **148**, 1733.
French Commission on Naval Tactics. H. Bernay **132**, 1253.
Fundamentals of Naval Tactics **139**, 877. **140**, 1299. **141**, 227. **142**, 677.
Genius of Naval Warfare; Tactics. R. Daveluy **135**, 753. **136**, 991.
Great Lesson from Nelson for Today. D.W. Knox **150**, 295.
Gun distribution aboard modern battleships and its influence on naval tactics. E.V. Rz. Tr. by H.F. Bryan, with comment by P.R. Alger and B.A. Fiske **121**, 205.
Hints on Naval Tactics
Barry, E.B. **126**, 682.
Fiske, B.A. **125**, 43.
Hoff, A.B. **125**, 41.
Knapp, H.S. **126**, 679.
Niblack, A.P. **125**, 45.
Rush, W.R. **126**, 682.
Inherent tactical qualities of all big-gun, one caliber battleships of high speed, large displacement and gun power. W.S. Sims **120**, 1337.
Importance of Heavy and Rapid Gunfire in Action **137**, 314.
Major Elements of War Efficiency. L.A. Cotten **131**, 667.
Modern Naval Tactics (1910): **134**, 635.
The Nation's Defense. A.B. Hoff **126**, Hoff, A.B. **126**, 425.
Stirling, Y. **126**, 393.
Naval Might. R. Hunt **141**, 44.
The Naval Profession 475.
Naval War College Principles...applied afloat. W.S. Sims **156**, 383.
Night Torpedo Operations. H.H. Frost **174**, 1671.
Notes on Naval Tactics. H.E. Yarnell **161**, 69.
Old principles and modern applications. D.W. Knox **152**, 1009.
On gun distribution aboard modern battleships and its influence on naval tactics. By "an officer." **122**, 845.
Problem of firing at a fleet under way with long-range torpedoes. H.H. Frost **146**, 681. **148**, 1719.
Question of speed in battleships **125**, 235.
Reflections, historic and other, suggested by the Battle of the Japan Sea. A.T. Mahan **118**, 447.
Some Hints on Naval Tactics. C.F. Goodrich **125**, 320.
Study of battle tactics of the squadron. W.R. Rush **119**, 1097.
Systematic preparations for battle. J.G. Quimby **122**, 646.
Tactics: Naval Warfare. D.W. Knox **161**, 35.
Tactics and Gunnery. T.T. Craven **171**, 917.
Time Element in Maneuvering. G.H. Burrage **149**, 135.
To find the tactical curves. B.A. Fiske **130**, 561.
U.S. Naval War College: Applicatory System of Solving War Problems **143**, 1011.
A useful table for tactical evolutions and for other purposes. G.W. Logan **124**, 1487.
Value of speed in tactics and strategy. A.C. Dewar **124**, 1367.
View From the Bridge of the Sixth Fleet Flagship. I.C. Kidd, Jr. **828**, 18. **830**, 91. **837**, 97.
War on the Sea: Strategy and Tactics. G. Darrieus **125**, 97. **126**, 427.
A Wrinkle in Tactics. R.F. Wood **200**, 1739.

Naval Traditions and Customs
See also: Christening of vessels; U.S. Navy. History. Traditions.
Ancient British Naval Regulations and Customs **136**, 1194.'
The Boatswain's Calls. S. McCarthy (illus) **147**, 1009.
Boatswain's "Pipe"; Revival of in British Navy **117**, 350.
Curious Beliefs of British Seamen **129**, 321.
Memorabilia of the Old Navy. C.F. Goodrich **112**, 823.
The Naval Profession: Its History and Ideals. E.K. Rawson **110**, 321.
The origin of some of the institutions of the British Navy. A. Farenholt **135**, 835.
Russia's Fictitious Naval Tradition. P.J. Rollins **839**, 65. **844**, 93. **850**, 89.
Time honored custom of hoisting flag and firing gun on termination of courtmartial **195**, 848.
Traditions of the naval service. H.H. Frost **165**, 1509.
Naval Training
See also: Discipline; Gun's Crews, Training; Naval education; Physical training; Torpedo crews, training; Names of training stations.
Academy, Russian, at Nicolaieff **80**, 838.
Administration. S.B. Luce **46**, 561. **47**, 725.
Administration and Organization. Prize Essay, 1901. John Hood **97**, 1.
Administration in War. G.E. Belknap **86**, 263.
Affairs: F. Collins **8**, 159.
Asylum, The. C.H. Stockton **37**, 53.
Brigade, The. J.C. Soley **13**, 271.
Brigade, The... Prize Essay, 1887. C.T. Hutchins **42**, 303. Discussion: **43**, 511.
Brigade, Notes on the. W.L. Rodgers **44**, 57.
British Prefer Barracks to Ships (1905): **115**, 738.
British System of Training Seamen (1903): **106**, 473.
British Training Ships
Description (1904): **112**, 902.
for engine-room artificers **110**, 442.
Cadets, British, New Regulations **81**, 169.
Cadets, The Growth of. H.G. Beyer **74**, 297.
Campaign of 1812, The. J.R. Soley **17**, 297.
Combats in the War of the Pacific, 1879-1881. J. Leroux (Tr.) **43**, 688.
Converted yachts of small gunboats for training landsmen. V. Blue **102**, 221.
Defense of the Coast. W.T. Sampson **49**, 169.
Defenses of the United Kingdom. P.H. Colomb. R. Wainwright **71**, 493.
Education
Discussion. J.R. Soley **9**, 377.
Goodrich, C.F. **9**, 323.
Mahan, A.T. **9**, 345.
Prize Essay, 1879. A.D. Brown **9**, 305.
Engagement of the War, The Last. W.F. Halsey **89**, 53.
England Retires Last Training Ship (1904): **109**, 236.
The Enlisted Man's Annapolis. L.M. Cox **170**, 655.
The First Naval Training Cruise: Its Accomplishment and Its Portent. W.B. Tardy **169**, 505.
French Naval Training Ship Bretagne **131**, 954.
Great Britain employs special ships for training engine room assistants **116**, 999.
Greatest Need of the Atlantic Fleet. H.E. Yarnell **145**, 1.
History, Study of. S.B. Luce **41**, 175.
Instruction of Petty Officers. D.E. Cummings **181**, 561.
Intelligence. C.C. Rogers **27**, 659.
Mental and Moral Training for War. J.F. Leys **144**, 1241.
Methods employed at training stations for training apprentice seamen for the fleet. A.C. Dillingham **121**, 137.
Militia **82**, 211-228. **83**, 211.
Instruction. H.G. Dohrman **82**, 211.
Militia Movement, The. A.P. Niblack **76**, 779.
The Naval Torpedo Station. R.W. Henderson (Newport) **105**, 193.
Naval Training. S.B. Luce **133**, 103.
Naval Training Association of the U.S. Statement of Purposes, and Constitution **167**, 162.
Naval Training Policy and System
Murdock, J.B. **106**, 431.
Reid, J.H. **105**, 1.
Turpin, W.S. **106**, 431.
Need for Specializing **159**, 1697.
The New Naval Academy. E. Flagg **92**, 865.
Officers: How May Sphere of Usefulness be Extended... Prize Essay, 1883. C.G. Calkins **24**, 155.
Cooke, A.P. **24**, 203.
Farquhar, N.H. **24**, 195.
Ordnance. P.R. Alger **71**, 573.
Policy (The) of America, as Outlined in Messages of the President of the United States, from the Beginning to the Present Day. Theodore Roosevelt **83**, 509.
Policy of the United States, The. Prize Essay, 1880. C. Belknap **14**, 375. Discussion **16**, 155.
Policy, Our... W.B. Hoff **37**, 121.
Power, Cost of. **93**, 182.
Power, Our. R. Wainwright **85**, 39. Discussion **85**, 127.
Progress During 1893. H.G. Dresel, Tr. **71**, 624.
Raids. A Cursory Examination and a Concrete Example. C.F. Goodrich **86**, 321.
Reform. R.M. Bennett **70**, 251.
Reorganization. A.P. Cooke **39**, 491.
Reserve and the Necessity for its Organization, Our. A.P. Cooke **44**, 169.
Reserves and Naval Militia. J.C. Soley **59**, 469.
Reserves and Naval Volunteers. R.C. Smith **87**, 739.
Reserves and the Recruiting and Training of Men. S.A. Staunton **48**, 1.
Small-Arm Training in the Navy. R. McLean **118**, 564.
Some Hygienic Precautions to be Observed in Training. H.G. Beyer **111**, 577.
Station at Norfolk Va., The. R.M.G. Grown **41**, 203.
Systematic Training of Enlisted Personnel. C.L. Hussey **105**, 49.
Tactics. H. Elmer **30**, 487.
Study of Tactics. Rene de Cartout **94**, 287.
Torpedo Training. E.L. Beach **105**, 143.
Training (with discussion). S.B. Luce **54**, 367.
Training British Boys for Sea **109**, 223.
Training (British) Quarter Deck Officers. **152**, 1193.
Training of Landsmen
Chester, C.M. **103**, 617.
Eberle, E.W. **105**, 230.
Fechteler, A.F. **103**, 612.
Fullam, W.F. **103**, 475.
Knapp, H.S. **104**, 895.
Nulton, L.M. **103**, 615.
Pringle, J.R.P. **105**, 233.
Sypher, J.H. **103**, 613.

The Training of Recruits. E. Durr **167**, 99.
Training men for clerical and commissary rates. K.C. McIntosh **192**, 223.
Training of Seamen. H.O. Rittenhouse **101**, 85.
Training Ships **103**, 609.
Adams, J.D. **102**, 277.
Baldwin, F.P. **102**, 289.
Barry, E.B. **103**, 606.
Beach, E.L. **101**, 21.
Chadwick, F.E. **102**, 276.
Clark, G.R. **102**, 282.
Dillingham, A.C. **102**, 280.
Goodrich, C.F. **102**, 277.
Hood, John **102**, 283.
S.E.W. Kittelle **102**, 291.
Rodgers, W.L. **102**, 286.
Signor, M.H. **102**, 293.
U.S. Naval training service: location of training stations; habitation best suited for training purposes; system and methods of training; ordinary seaman...in the fleet. (Plans) A.C. Dillingham **134**, 343.
U.S. Navy Department adopts new method of training landsmen (1901): **102**, 385.
U.S. Navy Plans Year Round Civilian Training (1916): **166**, 2001.
U.S. Naval Training Stations, 1918 (tabulated list): **188**, 2384.
Vestes suspende in ramum caryae sed ne ad aquam adeas. F.T. Evans **138**, 485.
Wanted: A First Aid. C.C. Maish **137**, 59.
Warfare as a Science, S.B. Luce **39**, 527.
Naval Training Stations
See also: Naval Training; Names of Stations.
List of U.S. Naval Training Stations (1918): **188**, 2384.
Naval Views of Yorktown Campaign. A.H. Miles **344**, 1303.
"Naval Visit, A Most Successful." R.E. Bublitz **787**, 36. **790**, 104. **791**, 104. **793**, 104.
Naval War College
ANSCOL at Naval War College. T.A. Brown **517**, 433.
Birth of United States Naval War College. J.R. Thomas **601**, 273.
Education of Decision-makers at the Naval War College (ProfNote). G.L. Michael, III: **839**, 105.
International Mission for Naval War College (ProfNote). A.C. Miller, Jr. **658**, 1361.
Knox-King-Pye Board **318**, 746.
Military Genius and Naval War College. J.M. Scammell **251**, 61.
Naval Medical Officer as a Naval War College Student (C&D) **845**, 90.
Naval War College
Pratt, W.V. **295**, 937.
Sims, W.S. **219**, 705.
Stapler, J.T.G. **354**, 1157.
Naval War College History, Fragment of. J.H. Russell **354**, 1164.
Naval War College, 1946. T.M. Shock **524**, 1333.
Naval War College Takes a New Look at Its Courses. G.A. Moore **623**, 68.
Naval War College Today. F. Virden **602**, 365.
Newport/Quonset Point Naval Complex (Pict) **803**, 75.
Sailors as Scholars. F.H. Hartmann **823**, 40.
Stephen B. Luce. C.S. Alden **262**, 2010.
Strategy Department of Naval War College. R.R. Belknap **230**, 547.
Tentative Plans for Courses **241**, 494.
Three Navy Cranks and What They Turned. J.M. Ellicott **260**, 1615.
War College and Reading Courses. A.S. Wotherspoon **307**, 770.
Naval Warfare
See also: Estimate of the situation; Logistics; Naval Strategy; Naval Tactics; Scouting and screening; Submarine Warfare; War; Names of Wars and Battles; Warfare, Naval.
Development of the Art of Naval Warfare. S.G. Gorshkov **868**, 54. **876**, 78.
Naval Warfare Specialists. R.A. Bowling **810**, 52.
Naval Warfare Tactical Publication (NWTP): New Concept in Naval Tactical Publications. L.L. Banghart **851**, 56.
Naval War in Vietnam, 1950-1970 (NavRev). R.L. Schreadley **819**, 180.
Technology: End of an Era. Roy Beavers **833**, 18. **838**, 92. **840**, 92. **845**, 93.
Naval War Games
See also: War Games and Problems.
Naval War Game and Formula. F. Pratt **358**, 1758.
Naval Weather Service, U.S.: Outranked, Outflanked, But Not Outranged. W.J. Kotsch **754**, 78.
Navarino, Naval Battle of. D.M. Abshire **671**, 92. **678**, 106.
Navicert and Pericert. F.J. Nelson **460**, 825. **463**, 1311.
Navies
See also: Under countries.
Armament of Vessels of World's Principal Powers (1902): **106**, 475.
Battleship Strength of the Nations (1915): **158**, 1303.
British and German Naval Construction, 1900-1912: **138**, 639.
British and German Naval Personnel Compared **153**, 1525.
British and German Navies Compared, 1910: **135**, 866.
Comparative Cost of World's Navies, 1904-1913: **149**, 275.
Comparative Destroyer Strength of British and German Navies, 1910: **134**, 609.
Comparative Strength of Principal Naval Powers, 1904: **110**, 471. 1905: **115**, 742. 1906: **119**, 1149. 1907: **123**, 1340. **124**, 1554. 1908: **125**, 364. **127**, 1089.
Comparison of German and American Navies. H.D. Brandyce (1911): **139**, 1072.
Comparisons **209**, 1119. **214**, 2037. **226**, 1964. **229**, 470. **236**, 1796. **237**, 1985, 1990. **238**, 2183. **240**, 324-60. **241**, 519. **245**, 1217. **246**, 1372. **247**, 1576. **248**, 1726. **252**, 195, 266, 1155. **257**, 1181. **259**, 1542, 1581. **260**, 1727. **263**, 120. **264**, 306. **269**, 1270, 1306. **270**, 1517. **272**, 1954. **276**, 310. **279**, 1028. **280**, 1249. **284**, 72, 2048. **287**, 72. **288**, 188. **314**, 362. **319**, 821. **332**, 924. **348**, 283. **355**, 1367, 1371. **357**, 1668, 1670-71, 1673.
Complements of World's Largest Ships (1912): **145**, 405.
Construction **255**, 823. **256**, 978. **263**, 156. **266**, 680.
Cost of World's Navies, 1893-1905: **117**, 376. 1896-1905: **122**, 887. 1900-1910: **136**, 1191. 1905-1914: **162**, 623.
Cost Per Ton of Ships of War (1911): **138**, 642.
Cost Per Ton of Warships (1912): **142**, 807.
Effect of European Wars of 1911 and 1912 on European Navies **145**, 361.
Increase in Capital Ships of World's Navies, 1913: **149**, 272.
Important Warships of the World Launched in 1907: **125**, 370.
Influence of Navies on the European Central Front (NavRev). H. Garde **879**, 160.
Mediterranean Strength of French and Italian Navies in 1914: **151**, 832.
Naval Expenditure of World's Powers, 1910-1913: **145**, 411.
Naval Expenditures of the Great Powers, 1905-1914: **154**, 1828.
Naval Strength of Minor Powers in 1914: **152**, 1256.
Naval Strength of the Nations (1908). S.G. Koon **127**, 1087.
Navies in War and Peace. S.G. Gorshkov
See also: Red Star Rising at Sea, for more detailed index to this series.
Part 1: **851**, 18, **854**, 98. **856**, 94, 96, 97, 98, **859**, 87.
Part 2: **852**, 26. **856**, 94, 98. **858**, 89, 90. **859**, 87, **865**, 81.
Part 3: **853**, 50. **859**, 87.
Part 4: **854**, 46. **859**, 87, 88.
Part 5: **855**, 220. **859**, 87.
Part 6: **856**, 46. **859**, 87.
Part 7: **857**, 52. **862**, 79.
Part 8: **858**, 60.
Part 9: **859**, 56.
Part 10: **860**, 56.
Part 11: **861**, 55.
Navies of Germany and England in 1911: **137**, 298.
Navies of the Pacific East (tab.) **819**, 110.
Notes, Various **208**, 945. **215**, 92, 135. **254**, 674. **261**, 1923. **279**, 1017. **292**, 738.
Organization of European Fleets in 1913: **148**, 1382.
Personnel of World's Navies, 1908: **125**, 363. 1914: **149**, 188.
Programs **224**, 1634. **284**, 2154.
Quo Vadis, Small Naval Power? G. Nekrasov **852**, 62.
Relative Strength of British, Japanese and American Navies (1919): **200**, 1775.
Should There Be an International Navy? (1911). T.W. Kinkaid **137**, 91.
Smaller Navies, C.P. Nixon **737**, 61.
Small: Do They Still Make Sense? F. Ruge **679**, 46.
Standing of the Great Powers (1919): **200**, 1809.
Strength of World's Navies, July 1, 1914: **156**, 522.
Vatican City State: The Papal Navy. C.H. Jenrich **727**, 74. **733**, 115.
C&D: E.C. Oestreich **733**, 115.
Warship Tonnage of World's Great Powers in 1914 (January) (tab.) **149**, 186.
World's Minor Navies (1906): **120**, 1617.
World's Naval Increase in 1912 (tab.) **145**, 406.
World's Navies in 1919: **198**, 1461.
World's Shipbuilding Programs (1912): **141**, 340.
World's Warship Construction, 1905: **114**, 530. 1907: **123**, 1342.
Navigation
See also: Altitude and Azimuth; Anchors; Boats; Canals and Waterways; Charts; Collisions and groundings; Compass; Fog Signals; Great Circle Sailing; Harbors; Hydrography; Icebergs; Lighthouses; Lunar Observation, Nautical Astronomy; Navigation Instruments; Towing; Signals and Signalling; Stars, identification of; Voyages.
Adjustment of Heeling Errors **675**, 101.
A.D. 1594. A.D. Brown **3**, 57.
Aerial Celestial Navigation, Use of Mid-Time in. B. Sparks **439**, 1298.
Aerial Navigation. P.V.H. Weems **314**, 315.
Aerial Navigation in Practice. A. Magyar **354**, 1232.

Navigation (Cont.)
Aeronautical Charts. G.S. Bryan **469**, 349. **472**, 854. **487**, 1238.
Aids in the Practical Work of. A. Ross **18**, 461.
Aids to. F.E. Chadwick **17**, 255.
Aids to Accuracy in Battleship Maneuvers. R. Willson **234**, 1369.
Air: Bomber Navigation, the Blind Led the Blind. N.W. Emmott **795**, 35. **798**, 115. **802**, 110.
Air Almanac **361**, 457. **363**, 735. **370**, 1777. **383**, 106. **384**, 249. **387**, 708. **391**, 1303. **394**, 1846.
Ageton, A.A. **379**, 1261, 1291.
German. E.B. Collins **465**, 1594, 1615. **468**, 249.
Refraction Tables. S. Herrick **499**, 1141.
Weems, P.V.H. **358**, 1782.
Air Force Navigation, 1948. P.V.H. Weems **554**, 429. **560**, 1179.
Air Navigation, Commercial. H.G. Gulbransen **418**, 1713. **423**, 738.
Air Navigation Wrinkle. T.L. Thurlow **390**, 1125.
Air Traffic Rules **262**, 2121. **279**, 980.
Altitude and Azimuth Tables
Clements, A.B. **206**, 555.
Simplified. C.E. Taylor **389**, 928.
Altitude by Martelli's Tables. H.V. Hopkins **366**, 1171. **370**, 1776.
Americo Vespucio--Pioneer Celo-Navigator and Geographer. F.J. Pohl and L.B. Loeb **650**, 396.
Anchoring Diagrams. O.L. Downes **371**, 73.
Another graphic solution in coast navigation. C.D. Sigsbee **104**, 923.
Another Navigation Method. T.L. Gatch **344**, 1386.
Another Short Method **416**, 1482.
Another Wrinkle in Navigation. H.K. Hewitt **209**, 1075.
Approximate Altitude and Azimuth. L.V. Kielhorn **223**, 1387.
Art of Navigation 175 Years Ago. C.H. Amme, Jr. **619**, 1023.
Art of Navigation (ProfNote). Dimitri Daragan **691**, 134.
Art of Ship Control. W.C.I. Stiles **242**, 587. **245**, 1173.
Astronomical Triangle vs. Stop Watch. H.A. Rochester **366**, 1172.
Avigation. R.E. Byrd **301**, 229.
Azimuth, New Formula for. E.B. Collins **337**, 973.
Azimuth Tables, Graphic Interpolation in. F.S. Craven **384**, 222.
Backgrounds of Navigation. M.C. Bowman and A.A. Ageton **481**, 392. **487**, 1238.
Bathymetric Navigation
Cohen, P.M. **740**, 66.
Precise Positioning for Deep Mooring (ProfNote). E.C. Buffington **774**, 139.
Beacon Gives...Planes Greater Tactical Mobility (Notebook) **730**, 156.
Bearings, Evaluating a Series of. R.C. Parker **371**, 79.
Book Reviews **326**, 362. **327**, 466-69. **328**, 569. **342**, 1136. **343**, 1287-90. **344**, 1434. **345**, 1589-90. **349**, 459. **355**, 1363.
Bowditch Course in Navigation. P.P. Blackburn **189**, 2605.
Bowditch, N.: See: Bowditch, N.
A Brief Account... A.D. Brown **5**, 93.
Bringing Astronomy to Service of Aerial Navigation. G.V. Littlehales **341**, 939.
British Torpedo Officers' Navigation Test **126**, 717.
Bubble Sextant Altitude Corrections. P.V.H. Weems **477**, 1583.
Bubble Sextant as Range-Finder **551**, 99.
Bush Navigation in the Solomon Islands. C.F. McGivern **852**, 68.
Calling Your Shots of Sun and Stars. W.S.G. Davis **368**, 1463. **372**, 246.
Captain Clark's Thumb Rules. W.E. Brown **476**, 1437.
Cartwheel or Square? **708**, 110, 112.
Celestial Co-ordinators. D. Hyatt **480**, 237.
Celestial Fix in 20 Minutes (ProfNote). F.L. Rentz **697**, 145. **701**, 101.
Celestial Landfall by Single Position Line. M.T. Janislawski **491**, 19.
Celestial Navigation by Artificial Satellites (ProfNote). A.B. Moody **710**, 139.
Celestial Triangle--Solution by Slide Rule. R.A. MacGregor and E.A. Beito **571**, 1009.
Centennial of Pressure-Pattern Navigation. J. Lyman **541**, 309. **544**, 759.
The chart as a means of finding geographical position by observation of celestial bodies. G.W. Littlehales **181**, 567.
Charts, New Colors **475**, 1356.
Charts of Upper Air **337**, 407.
Chinese Mariners' Compass, Charts, and Methods of Navigation. F.H. Wells **373**, 359.
Chronometers
All for Purpose of Marking Time. D.C. Holly **601**, 303. **611**, 89.
Sidereal or Mean Time? R. de Aquino **416**, 1430, 1469.
The Coefficient of Safety in Navigation Harrington, P.F. **18**, 385.
Rogers, W.A. **17**, 205. **18**, 353.
Collision Courses by Radio Compass. H.K. Fenn **333**, 1019.
Compass Corrections. J. Herrera **166**, 1941. **170**, 771.
Compass, Magnetic, Adjustment by Stars. H. Crocker **512**, 1215.
Compass Trouble **654**, 895. **665**, 109. **668**, 106.
Computed Azimuth. P.V.H. Weems **335**, 17.
Computers, New Navigation. P.V.H. Weems **481**, 378.
Concern of Astronomer and Navigator With Law of Relativity. G.H. Draper **322**, 1057.
Condensed Azimuth Tables. G.W. Littlehales **288**, 168.
Coriolis Force in High Latitude Navigation (ProfNote). C.W. Thomas **726**, 122.
Correction to course when using only one screw of a twin-screw vessel. R. Henderson **114**, 437.
Course Zero Nine Five. R.B. Hadaway **647**, 40, 47.
Creating Horizon. J.Y. Dreisonstok **345**, 1516. **351**, 795.
Current and Running Fix. D. McClench and G.W.D. Waller **510**, 941.
The dawn of navigation and its books, theories and instruments. T.G. Ford **117**, 209.
Daylight Sight of Polaris. F.H. Brumby **456**, 225. **458**, 553. **460**, 857.
Dead Reckoning **205**, 461. **315**, 475.
Aerial, Accuracy in. H. Gatty **381**, 1561, 1601. **385**, 407.
in Aerial Navigation. L.C. Ramsey **311**, 27.
Determination of Offshore Positions. A.F. France **361**, 397. **365**, 1047.
Determination of Position in Fog **141**, 370.
Determining Drift by Timing and Bearing. P.M. Hummel **526**, 1586.
Developments
in Air Navigation. H.B. Goodwin **251**, 68.
of River Navigation in Bolivia (ProfNote). O.R. Castedo **832**, 119.
Recent Developments in Navigation. A.B. Moody **556**, 681.
Direction, Course, and Bearing. D. Hyatt **478**, 1710, 1759.
Direction Finders: See: Instruments-Navigation.
Directive Type Radio Beacon. F.H. Engel and F.W. Dummond **255**, 853.
Direct Reading, Maneuvering Diagrams. R. Willson **274**, 2276.
Distance Graph for Light on Horizon. G.T. Rude **294**, 860.
Drift Determination in Aerial Navigation. I.E. Hobbs **395**, 28. **399**, 716.
Earliest Navigation and First Schools of Warfare. T.G. Ford **118**, 473.
Earth Features and Navy Pilot. F. Green **249**, 1773.
Earth's Rotational Force and Navigation. G.T. Rude **359**, 66.
Errors arising from deflection of light near the horizon. G.W. Logan **105**, 185.
Essentials of Radio Compass. J.E. Williams **228**, 203.
Factor of Safety in Navigation. F.A. Todd **222**, 1221.
False Hang, Problem of, and Determination of Latitude Therefrom **564**, 191.
A Few Hints to the New Navigator. H.R. Greenlee **170**, 719.
Finding geographic position in region of north pole. G.W. Littlehales **270**, 1339.
Finding the intersection of Sumner Lines. G.W. Logan **103**, 577.
Fixes From Random Bearings (C&D) **804**, 89.
Fix from Altitude and Azimuth. R. de Aquino **406**, 1727. **409**, 398, 401.
Flight by using compass only **347**, 129.
Fog Flying: See: Instruments, Aircraft.
Footnote to Sailings. H.G. Telsey **467**, 70.
For Want of a Wrinkle Ship Lost. H.E. Lackey **250**, 1997.
Form suggested for line of position. P.V.H. Weems **317**, 586.
Franklin Piloting Technique, Feasibility of (ProfNote). E.B. Brown **800**, 144. **804**, 92. **805**, 99. **810**, 98. **816**, 86.
Future use of radio telegraphy. J.G. Quinby **228**, 217.
Good Steering. A.M.R. Allen **216**, 187.
Graphical Aids to Navigation. W.A. Mason **271**, 1707.
Graphical Method. C.D. Sigsbee **33**, 241.
Graphical Piloting Methods. F.L. Mosher **334**, 1080.
Graphical Solution of Problems in Nautical Astronomy. C.E. Manierre **224**, 1593.
Graphical Solution of Reduction to Meridian Problem. P. Miller and P.V.H. Weems **492**, 175.
Graphic Solution in Coast Navigation. H.S. Knapp **103**, 573.
Great Circle Course Computer, Mechanical. W.C. Macfarland and J.W. Kinnear III: **588**, 185. **594**, 906.
Great Circle Sailing
Bradley, A.D. **456**, 175.
Diagram for. B.C. Getchell **479**, 62. **480**, 254.
Ground Speed, Airplane **224**, 1653.
Hagner Position Finder. F.H. Hagner **415**, 1277. **419**, 106.
Handling Vessels in Restricted Waters. F.E. Nelson **304**, 446.
Handy Aid to Navigator. J. James **386**, 493.
Hazards: Verrazano Bridge Will Dim Lights (Nbk) **747**, 166.
Hints on Handling Destroyer. R.O. Glover **227**, 57.

Hints on Tactical Maneuvers. J. James **238**, 2117.
History of the "Conn" **710**, 103.
H.O. 9. H.V. Hopkins **399**, 677. **404**, 1473.
H.O. 208
Longitude by, and Eclipse. R.W. Mindte **408**, 193. **413**, 1023.
Meridian Altitudes by. A.C. McIsaacs **385**, 384. **394**, 1847.
H.O. 211: **428**, 1490.
Additional Uses for. H. Hinkel, Jr. **400**, 848. **405**, 1626. **408**, 251.
Ageton, A.A. **352**, 914. **353**, 1029.
Latitude by. J. Favill **391**, 1258. **397**, 411, 413.
Longitude by. H. Hinkel, Jr. **386**, 499, 553. **390**, 1160. **395**, 101. **397**, 413.
H.O. 214
Finding Position with 214. E.B. Collins **436**, 855. **439**, 1333.
Polar Navigation with. E.B. Collins **454**, 1713.
Use of, in Preparation of Magnetic Azimuth Curve. H.L. Hicks **463**, 1271.
H.O. Publication No. 218. E.A. Haine **534**, 953. **537**, 1379.
Horizon Sights. P.V.H. Weems and P.H. Willkie **498**, 1007.
Horizon Sights and Low Altitude Sights **503**, 81.
Speaking of. P.V.H. Weems **372**, 202.
How It Works—A Seaman's Eye in CIC (ProfNote). A.D. Garvin **680**, 149.
Identification of Stars. H.R. Grumman **298**, 1283.
Improved Towing Spar as Navigational Instrument. S.F. Heim **205**, 375.
Improvised Protractor. W.A. Mason **366**, 1169. **367**, 1339.
Inertial Earth Navigation (ProfNote). L.I. Reber **678**, 155.
Inner Space Navigation (ProfNote). P.V.H. Weems **750**, 140.
Inshore Navigation with Radar and VPR. W.H. Organ **558**, 925.
An Instantaneous Dead-Reckoner. A.G. Zimmermann **177**, 2547.
Instruments, Navigation
See also: Instruments; Chronometers; Compass.
The Algue Barocyclonometer **199**, 1632.
Dawn of Navigation: Its Books, Theories, and Instruments. T.G. Ford **117**, 209.
Interpolating Instrument to Expedite Use of Aquino's Tables. A. Forbes **184**, 1279.
John Longitude Harrison. D. Macintyre **742**, 74.
McCormick's Navigating Protractor. C.M. McCormick **102**, 243.
Nautical Instruments and the European War **172**, 1263.
Navigator's Prism. J.B. Blish **105**, 175.
Navigator's Protractor. A. Rust **109**, 203.
On Forbes' interpolating instrument for Aquino's tables. E.B. Fenner **184**, 1285.
Resilvering Sextant Mirrors. R.T. Young **192**, 245.
Search for instrumental means to observe altitude without horizon. G.W. Littlehales (illus) **186**, 1801.
Universal Drafting Machine for Plotting Dead Reckoning. G.M. Baum **184**, 1287.
Weems Naviders (ProfNote). D.A. Paolucci **758**, 162.
Interplanetary Navigation. R.B. Robinson **699**, 64.
L.A.N., Estimating Time of. H.W. Dusinberre **491**, 53.
Latitude and Longitude from Simultaneous Observation. S.A. Vincent **309**, 993. **312**, 142. **315**, 445.
Lecky, Page Captain. W.A. Mason **376**, 754. **381**, 1604, 1605, 1606. **389**, 1009. **395**, 102.
Let Us Not Drop a Perpendicular. R.E. Jasperson **362**, 555.
Life-Raft Navigator. J.E. Solan **507**, 505.
Line of Position. P.V.H. Weems **291**, 575. **294**, 873.
Line of Position by Azimuth Observations. A.B. Clements **212**, 1637.
Line of Position Plotter. H.T. Stetson **316**, 521.
Lines of position by the method of Ball's tables. K.H. Donavin **165**, 1613.
Link Celestial Navigation Trainer. D.B. Whiting **495**, 527.
Local Apparent Noon Graph. M.A. Perry **532**, 712.
Local Civil Time and Date from Time Diagram. J.L. Walsh **479**, 23.
Log Tangent±Log Secant Navigation Table. R. de Aquino **411**, 643, 714.
Loran Comes of Age. A.P. Miller, Jr. **629**, 764.
Maneuvering Board
Circles fo Zig-Zags. W.M. Pepper, Jr. **613**, 319.
Maneuvering Board and Great Circle Sailing (ProfNote) J.M. Cogan **647**, 107.
Maneuvering Board and Great Circle Sailing (ProfNote). W.V. Kielhorn **649**, 343.
True and Apparent Wind. R.A. Eising **515**, 58.
Maps and Navigation Methods. A. Duval **233**, 1236.
MarAd Eyes New Navigation Computer (Nbk) **770**, 150.
Marcq Saint-Hilaire. W.A. Mason **438**, 1171. **440**, 1530. **442**, 1778.
Mariner and the Arctic. J.E. Plummer **668**, 49.
Martelli's Tables **385**, 401.
New Uses for. H.V. Hopkins **375**, 651.
Material Aspects of Air Navigation. L.D. Webb **355**, 1285.
Meaningful Circles (ProfNote). R.E. Ekman **705**, 142.
Meridian Altitude and Reduction Constants. J.E. Gingrich **298**, 1285.
Method of calculating the intersection point of St. Hilaire position lines. E.K. Roden **162**, 481.
Mine Warfare Channel Markers (ProfNote). J.V. Bowers **727**, 132.
Modern Air and Marine Navigation. P.V.H. Weems **446**, 490.
Modern Methods in Sea and Air Navigation. R. de Aquino **287**, 17, 78. **288**, 189-91. **289**, 336-38. **290**, 456.
The Moon in Navigation. H.G. Sparrow **177**, 2553.
Mooring Board Problem. T.L. Gatch **271**, 1716. **274**, 2339.
Mystery of line of bearing. G.H. Burrage **217**, 379.
Nautical Almanac **383**, 106. **384**, 249. **387**, 708.
Indexing. E.E. Lipke **477**, 1549.
1950, New Type **562**, 1395. **573**, 1256.
Supplement to. R.E. Jasperson **442**, 1698, 1775. **446**, 566.
Navigability. A.L. Shalowitz **461**, 932.
Navigating Inland Waterways to Alaska. T. Macklin **331**, 827.
Navigating by Man-Made Stars. E.L. Castillo **694**, 74.
Navigating North of Sixty. J.C. Lester **485**, 957. **491**, 63.
Navigating Small Airplanes. J.F. Gillon **350**, 506.
Navigating Under the North Pole Icecap. S.M. Jenks **670**, 62.
Navigation Aids
Computing Current by DR Position Error (ProfNote). S.S. Seteroff **856**, 117.
Flashing Lights **682**, 106.
Metric Devices on Ships Urged (Nbk) **745**, 140.
Telegraph Recorder for Engine Room or Bridge (Nbk) **738**, 161.
VHF-UHF System in Chesapeake Bay (ProfNote). G.A. Lock **748**, 145.
Navigational Antecedents. H.D. McGuire **363**, 705.
Navigational Lights Can Be Legal (ProfNote). E.B. Perry **688**, 151.
Navigational Lights under Wartime Conditions. G.W. Dyson and C. Wilkenloh **520**, 825. **522**, 1090.
Navigation and Nautical Astronomy
Analysis of Navigation Practices in the U.S. Navy. M.H. Lyman, III: **750**, 62.
Art and Science of Navigation (C&D). R.T. Fleming **755**, 112.
Azimuth and Altitude Correction Nomogram (C&D) **797**, 107.
Celestial Navigation Is Basic (C&D). P.V.H. Weems **776**, 107.
Determination of Gyro Error at Sea (ProfNote). J.W. Frazier **762**, 146.
Don't Throw Away Your Sextants, Boys, the Stars Will Rise Again! L.A. White **750**, 54.
Latitude by Observations at Lower Transit (ProfNote). W. Norville **858**, 111. **865**, 76, 77.
Mid-Latitude Sailing—A Graphic Solution (ProfNote). W.M. Fraser **799**, 148.
Polynesian Navigation: They Made It, But How? (ProfNote). R.H. Gulmon **860**, 106. **865**, 75.
Star Altitude Curves (ProfNote). W.A. Cohen **742**, 142.
Taking Sights Without a Visible Horizon (C&D). P.V.H. Weems **767**, 105.
Navigation by Christian Science. A.C. Stott **482**, 548.
Navigation Fixes From Random Bearings (ProfNote). S.S. Seteroff **799**, 147.
Navigation-Geodetic System by Satellite (ProfNote). P.R. Winters **772**, 131.
Navigation Notes. J.F. Green **215**, 67.
Navigation of Columbus. J. Menander **278**, 665.
Navigation of Rigid Airships. S.E. Peck **366**, 1150.
Navigation Progresses. E. Topp **338**, 490.
Navigation Systems
CIC Navigation (ProfNote). E.P. Bonner **740**, 120.
Don't Throw Away Your Sextants, Boys, the Stars Will Rise Again! L.A. White **750**, 54.
NAVSTAR Global Positioning System: Navigation for the Future (ProfNote). D.C. Holmes **890**, 101. **894**, 63. **898**, 82.
Navy's Omega Navigation System Approved (Nbk) **782**, 142.
Novel Navigation Uses Ocean Floor (Nbk) **752**, 162.
Omega: A Status Report (ProfNote). C.W. Koburger, Jr. **872**, 118.
Polaris Navigation and the Gyroscope (ProfNote). R.B. Robinson **754**, 148.
U.S. Navy Develops Navigation System (Nbk) **747**, 156.
Navigation Triangle: How to Solve It by Drawing It. J.B. Breed III: **589**, 299.
Navigation vs. Aerial Navigation **296**,

Navigation (Cont.)
Navigation vs. Aerial Navigation **296**, 1145.
Navigation vs. Junior Naval Officer. J. Downes **241**, 469.
Navigation With Earmuffs (ProfNote). R.P. Cort **687**, 137. **692**, 106, 107. **698**, 113.
Navigator, Unique Experience as. J.K. Taussig **526**, 1549.
Navigator's Notebook. P.V.H. Weems **273**, 2138.
Navigator's Notes. E.M. Block **517**, 425. **521**, 969.
Navigator's Position Indicator. H.O. Rittenhouse **41**, 147.
Navigator's Workbook. W.A. Mason **337**, 331.
Need for Revision of Navigation Laws. A.G. Smith **267**, 834.
Neglected Navigational Short Cut. T.L. Gatch **374**, 532, 545.
Neglected Phase of Naval Aviation. L.C. Ramsey **342**, 1052.
New Angle for Navigator. E.S. Quilter **552**, 205.
New Arrangement for Nautical Almanac. W.H. Gridley **359**, 23, 105.
New Device Guides Ship...by Light Beam (Nbk) **730**, 162.
Newest Navigation. V.H. Godfrey **292**, 680.
New Method in Coastal Navigation. H.B. Goodwin **219**, 723. **222**, 1271.
The New Navigation. T.P. Magruder **123**, 947.
New Steering Gear for Subs **721**, 111.
Night Flying **223**, 1462. **340**, 835. **347**, 134.
No Birddog in the Soup. P.W. Mandel **647**, 25.
Nomograms for altitude and azimuth... star identification...and great circle sailing. R. de Aquino **126**, 633.
Nomograms, Three Simple Navigation. H.R. Grummann **402**, 1117. **409**, 396.
A Note on Navigation. H.C. Gearing **123**, 941.
Notes on Aerial Navigation P.F. Everitt **342**, 1065.
Notes on Destroyer Handling Alongside. H.R. Thumber **269**, 1202.
Observations at Low Altitudes. G.C. Comstock **203**, 33.
Octant, Bubble, Locating Surface Ships with. E.B. Collins **450**, 1138.
Octant, Bubble, Surface Navigation with. J.M. Sheehan **391**, 1228. **396**, 252.
Offshore Position by Sextant Altitude of Mountain Peak. S.L. Cluett **393**, 1665.
Offshore Positions by Sextant Altitudes of Mountain Peaks. G.L. Schuyler **228**, 259.
Old Navigation. L.F. Middlebrook **236**, 1749.
On "a note on navigation." C.M. Chester **125**, 315.
On calculating intersection of St. Hilaire Lines. J.F. Hines **162**, 555.
One-Body Fix
ProfNote: P.V.H. Weems and R.E. Jasperson **652**, 680. C&D: **659**, 94.
One From the Book **656**, 1118.
Optical Maser for Space Navigation (ProfNote). G.M. Cunningham **716**, 136.
Patrol Plane Navigation. E.M. Block **440**, 1468.
Picking Stars. J.F. Hellweg **343**, 1213.
Pilot Chart of Upper Air **300**, 130.
Piloting and Maneuvering Diagrams. C.J. Ballreich **403**, 1238.
Plotting Sheet, Universal Small-Area, New Diagram for. J.L. Walsh **487**, 1221.
Polar Celestial Navigation. P.V.H. Weems **369**, 1609.
Polar Navigation
Modern. A.B. Moody **586**, 1319.
Submarines in the Ice (ProfNote). Peter Cobb **744**, 148.
Wrinkles in. P. Miller **503**, 71.
Polar Regions, High Speed Celestial Navigation in. P.V.H. Weems **593**, 781.
Pole, Navigation Near. H.D. Curtis **431**, 9.
Polynesian Navigation. D.J. Edwards **451**, 1284.
Position Finding by Planets, P.V.H. Weems **449**, 967.
Position Lines and Current **170**, 751.
Position Plotting by Radio Bearings. E.B. Collins **216**, 201.
Practical Application of Navigation to Aircraft. H.P. McL. Connor **334**, 1065. **335**, 139. **337**, 392. **339**, 671.
Practical Navigation. F.A. Daubin **348**, 261.
Practical Test of Radio-Compass. H.O. Hunter **217**, 363.
Practice of Navigation on Shore. L.L. Mills **256**, 931.
Present-Day Navy Navigation (Prof-Note). G.E. Thompson **684**, 130.
Present Status of Air Navigation. P.V.H. Weems **361**, 399.
Problem of relation between two bearings of a single object and its distance when abeam. H.S. Knapp **129**, 185. **131**, 949.
Project Transit—Navigation Satellite. R.F. Freitag **699**, 77.
Proposed Changes for the Air Almanac (ProfNote). R.F. Haupt **722**, 146.
Protractor and Plotting Scale, Pratt. F. Jansen **382**, 1740, 1753.
Puddle Navigation (ProfNote). J.A. Youngquist **649**, 346.
Radio Compasses. J.B. Will **208**, 851.
Radio Direction Finder
Navigator's Friend. W.S.G. Davis **338**, 518.
Price, A.I. **302**, 318.
Radar Piloting **708**, 113.
Radio Range Stations in Coastwise Piloting **544**, 762. **548**, 1297. **550**, 1559.
Radio Sextant (ProfNote). A.B. Moody **724**, 151.
Range Table--Point of Extremis (Prof-Note) **692**, 136.
Rate of Change of Altitude. F.W. Keator **441**, 1609. **442**, 1828. **444**, 256.
RDF Navigation (ProfNote). C.H. Blair **686**, 140.
Recommended Navigational Air **675**, 101.
Reducing Latitude Sights to Meridian. R.D. Fay **214**, 1971.
Relative Bearing Navigation (ProfNote). J.H. Bartol, Jr. **779**, 136. **786**, 115.
Rendezvous at Sunrise. J.H.S. Billmyer **516**, 247.
Resultant Course Methods of Course Angle Plotting. H.J. Hansen **280**, 1163, 1169.
Sacred Calabash, H. Rodman **294**, 867.
Safer, Saner Seaways. J.H. Beattie **814**, 38.
Sea Navigation Methods in Northern Canada (ProfNote). O.C.S. Robertson **642**, 893.
Secant-cosecant Method. A.A. Ageton **344**, 1375.
Secondary Meridians. J.O. Porter **349**, 368.
Sextant, Bubble
Averaging Observations. P.V.H. Weems **436**, 861.
Earth's Rotational Effect on. P.V.H. Weems and T.L. Thurlow **452**, 1420.
Shallow River Navigation **103**, 650.
Ship Speed in Fog **667**, 102.
Short and Simple Method of Finding Longitude at Sea. J.P. Jackson **207**, 739.
Short Cuts for Moon Sights. P.V.H. Weems **318**, 672.
Shorter and Simpler Aquino Process. R.E. Rogers **299**, 22.
Sidereal Time in Solution Star Sights. J.E. Gingrich **266**, 749. **348**, 351.
Simplified Method for Computing Fix. H.S. Babbitt **281**, 1300.
Simplified Method of Finding the Equation of Equal Altitudes. G.W. Littlehales **123**, 937.
Sights Rejuvenated, Two Old. W.A. Mason **386**, 523.
Single Lines of Position (ProfNote). J.L. Wash **712**, 143.
Slide Rule
See also: Slide Rule.
Slide Rule in Navigation. H.T. Van Patten **378**, 1104, 1143.
Solution of Spherical Triangles. A. Rust **107**, 707.
Solutions of the problems of "reduction to the prime vertical and to the meridian," with a new graphic method for the solution of various problems in navigation. A. Rust **151**, 759.
Some Practical Hints in Navigation. F.L. Oliver **170**, 737.
Some Suggestions in Practical Navigation. A.J. Hepburn **149**, 145.
Space Navigation
How It Works (ProfNote). P.V.H. Weems **683**, 148. **717**, 85.
Speaking of Storms **319**, 837.
Sphero-Metric Navigation for Our Air Age. W.F. Hiltner **515**, 69. **518**, 575. **520**, 838.
Standardizing Terms, Procedure in Navigation. A.M.R. Allen **305**, 562.
Star Altitude and Azimuth Tables **493**, 315.
Star Finder and Spotter. E.B. Collins **352**, 887.
Star Finding
Improvement in. T.C. Brownell **467**, 79. **468**, 249.
with Nautical Almanac Chart. E.B. Collins **407**, 79.
Star Identification
by Forecasting Their Position. J.F. Green **215**, 67.
by Sextant Angles. C.W. Van Horn **501**, 1349.
Diagram. L.H. Burkhead and W.H. Benson **217**, 1667, 1723.
Stars, Identifying, Simplified Method for. R. Scott **497**, 867.
Star Sights, Convenient Preparation for. F. Baltzly **405**, 1601. **409**, 403.
Stars, Method of Using, Listed Under "Additional Stars." J.B. Feaster **539**, 68. **543**, 629.
Station Keeping. R. Willson **378**, 1105.
Steering **210**, 1351. **216**, 187. **223**, 1466. **240**, 354.
Stereographic Projection for Star Identification. G.T. Rude **227**, 69.
Study of relative movement of ships. L.M. Nulton **287**, 35. **290**, 457.
Submarine Navigator--Some of His Methods. R.W. McNitt **555**, 567.
Submerged Celestial Navigation. P.R. Frank **506**, 425.
Sumner, Captain Thomas Hubbard, of Sumner Line Fame. P.V.H. Weems **419**, 61. **423**, 735.
Sumner Bisectrix. L.V. Kielhorn **307**, 753.
Sunrise and Sunset, Time of. H.W. Dusinberre **486**, 1102.
Superior Star Position, "Cartwheel" or "Square"? (ProfNote). R.L. Rhoads, Jr. **702**, 132. **705**, 117.

Table 3, Bowditch (ProfNote). R.R. Gourd **689**, 132.
Tables of Computed Star Altitudes and True Azimuths. C.H. Hutchings **475**, 1279, 1303. **478**, 1760.
Technical Journal and Universal Plotting Chart (ProfNote). P.V.H. Weems **734**, 136.
Telling Solar Time, Longitude, and Latitude by Stars. A.S. Hawkesworth **286**, 2487.
Telling Time By Stars. J.F. Hellweg **353**, 1038.
Terrestrial Triangle. P.V.H. Weems **386**, 533.
Thumb Rules for Altimeter Corrections. F.J. Nelson **369**, 1573.
Time, Short Methods of Finding Longitude at Sea. J.P. Jackson **207**, 739.
Time Sight, Fallacy of. W.A. Mason **383**, 76. **386**, 555, 559. **389**, 1009. **395**, 102.
Traverse Diagram. L.V. Kielhorn **205**, 361.
Turning Ellipse (ProfNote). E.J. Foote **688**, 163.
Turning in Track of Guide. O.L. Cox **303**, 385.
Twilight, W.A. Mason **363**, 690.
The uncertainties of geographical position in polar exploration. G.W. Littlehales **132**, 1043.
Uniformity in Navigational Side **287**, 108.
A useful table for tactical evolutions and for other purposes. G.W. Logan **124**, 1487.
Uses and Misuses of Mooring Board. W.C.I. Stiles **233**, 1087.
Venus as Day Sight. R.B. Carney **221**, 1069.
Venus, Daylight Fix With. G.W. Dugger **395**, 56.
Watchmaker and Scientist--Almost Forgotten Controversy. J.M. Sheehan **492**, 161. **497**, 893.
Weir's Azimuth Diagram. W.L. Maxson **345**, 1542.
What Is Modern Navigation? H.F. Long **406**, 1750. **409**, 401. **411**, 716.
When Rate of Change of Bearing is Maximum. H.K. Fenn **340**, 793.
Winter Flying **279**, 997.
Yacht Chart Navigation (ProfNote). P.V.H. Weems **655**, 1024.
Yellow Is Color. F.J. Nelson **498**, 981.
Navigatori (RIN) **337**, 402.
Navy
Austria
Budget for 1901: **97**, 151.
Budget for 1901-02: **99**, 587.
Personnel, Enlisted Force **98**, 381.
Personnel: Reorganization of Department of Marine **100**, 751.
Brazil: Personnel--Recent Changes **97**, 153.
Coast Signals. R. Wainwright **48**, 61.
Denmark
Budget 1898-99: **85**, 138.
Budget for 1901: **97**, 153.
France
Budget, 1897: **80**, 836.
Budget, 1899: **88**, 798.
Budget, 1900: **92**, 950.
Budget for 1902: **98**, 382.
Budget and Program for 1901-1907: **97**, 154.
1895: **74**, 433.
Estimates for 1902: **99**, 588.
Personnel, 1899: **89**, 241.
Personnel, increase **98**, 382.
Personnel, Promotion of Petty Officers to Ensign **99**, 588.
Program for 1902: **100**, 753.
Protected Cruisers **43**, 693.
Function of the Navy. J.D. Chase **800**, 26. **805**, 93.
Future of Navy. V.V. Utgoff **666**, 73.
Germany
Budget and Program for 1902: **100**, 760.
Budget for 1901: **97**, 159. **99**, 595.
Coaling Station **78**, 517.
Coaling Station in the Red Sea **99**, 599.
Personnel, Army Officers in the Fleet **99**, 599.
Personnel, Complete List of Officers and Enlisted Force **99**, 598.
Personnel, Education of Officers **100**, 761.
Personnel, 1893-94: **67**, 328.
Personnel, 1898: **87**, 539.
Personnel, 1899: **91**, 698.
Personnel, Naval Academy, Illustration **98**, 388.
Personnel, New Engineering School **99**, 599.
Personnel, Numbers on Officers' List **99**, 597.
Torpedo Boat Harbor **100**, 763.
Great Britain
The British, 1900: **96**, 680.
British and Foreign, 1900: **93**, 178.
Budget, 1894-95: **70**, 461.
Budget, 1899-1900: **90**, 437.
Budget, 1900-1901: **94**, 395.
Budget, 1901-02: **98**, 390.
Budget and Program for 1902-03: **100**, 763.
Estimates (supplementary) for 1900-01: **97**, 163.
Estimates for 1901-02: **97**, 163.
Lord Brassey on the British, 1899: **91**, 691.
Personnel, Instruction of Midshipmen and Cadets in Engine and Fire-rooms **97**, 164.
Personnel, Naval Reserve Act of 1900: **97**, 164.
Personnel, Present Numbers **99**, 601.
Greece
Budget **99**, 606.
Program (New) **97**, 171. **100**, 768.
Increase in World's Navy **87**, 538.
Italy
Budget, 1897-98: **84**, 764.
Budget for 1902, Remarks **98**, 397.
Budget Proposals, 1901-02: **99**, 606.
Estimate for 1901-02: **97**, 171.
Personnel, List of Officers **97**, 172.
Personnel, Numbers **100**, 769.
Japan
Budget for 1901-02: **98**, 400.
The Imperial Japanese. C.C.P. FitzGerald **94**, 372.
Personnel, Numbers **100**, 770.
Program (New) under consideration **100**, 770.
The Manning of Our Navy and Mercantile Marine. S.B. Luce **1**, 17.
Mexico: Program (New) **97**, 174.
Navy and Greely: Rescue of 1881-84 Arctic Expedition. D.G. Colwell **659**, 71.
The Navy and its Prospects of Rehabilitation. E. Simpson **36**, 1.
Navy and Merchant Service in Behalf of Amity. H.W. Baldwin **330**, 737.
Navy and Our Nation. C.F. Adams **332**, 886.
Navy and the Merchant Marine. J.W. Aber, Jr. and P.W. Garber **805**, 40. **813**, 89. **814**, 85.
The Navy and the Nation. W. McAdoo **70**, 399.
Navy as Indian Fighter. J.H. Brandt **330**, 691.
Navy, Birth of the U.S.: Excerpts from previous Proceedings articles **872**, 18-65.
"Navy Blue and Gold" **392**, 1483-1489.
Navy Building Program, Aviation and. W.A. Moffett **337**, 421.
Navy Cargo Handling and Port Group (NavCHAPGru): Combat Stevedores (ProfNote). F.S. Virden **835**, 106.
Navy Commissioners, Board of, 1815: **298**, 1309.
Navy Cruises Inland. L.E. Gehres **330**, 727.
Navy Day **455**, 149. **515**, 82. C&D: **824**, 91.
Editorials **308**, 934. **320**, 924. **322**, 1069. **344**, 1451. **356**, 1540.
England: Navy Week **346**, 1736.
Gentlemen, the Navy. T.D. Robinson **272**, 1817.
Hoover, H.C. re **358**, 1824.
Howe, W.B. **272**, 1825. **276**, 326.
1924. S. Ballou **262**, 1977.
1920. By Navy League **344**, 1437.
Some Forgotten Naval History--First Navy Day, 1922. J.R. Carney **440**, 1441.
Wiley, H.A. re **358**, 1824.
Navy Department
See also: Administration and Organization.
Beginning of ONI **407**, 102.
Bureau of Aeronautics. (Pict) **551**, 85.
Bureau of Medicine and Surgery: Brief History. L.H. Roddis **554**, 457.
Bureau of Naval Personnel (Pict) **556**, 693.
Bureau of Ordnance (Pict) **552**, 213.
Bureau of Ships (Pict) **557**, 813.
Bureau of Supplies and Accounts (Pict) **553**, 343.
Bureau of Yards and Docks (Pict) **555**, 577.
CNO--Past, Present, and--Future? H.W. Baldwin **726**, 33.
Department of War. H.E. Yarnell **486**, 1099. **490**, 1603.
The Fulcrum and the Balance. R.P. Smyth **771**, 70. **774**, 106. **778**, 109.
Historical Sketch of Office of Judge Advocate General. H.P. Beers **459**, 670.
Hydrographic Office. G.S. Bryan **525**, 1395.
Naval Administration in United States. E.E. Morison **524**, 1303. **530**, 451.
1873--The Best Was Yet To Be. J.R. Wadleigh **849**, 56.
Office of Naval History--Naval History: World War II. A.D. Turnbull **529**, 309.
Organization for Navy Department. J.K. Taussig **443**, 52.
Public Relations, United States Navy. H.H. Douglas **464**, 1432.
Reorganization of the Navy Department (Nbk) **759**, 159.
Temporary Buildings: "Walls Came Tumblin' Down, And the". C.K. Ferguson **810**, 70. **818**, 94.
U.S. Navy--Middle Age Spread. J.C. Bussert **844**, 18. **849**, 92.
Navy Electronic Warfare Simulator (NEWS): Of Robotry and Readiness. T.W. Goad **796**, 45.
Navy Enlisted Scientific Education Program: NESEP Program: A Leadership Problem? (C&D) **849**, 100.
Navy Fleet Rehabilitation and Modernization Bill Necessary (Nbk) **794**, 156.
Navy Industrial Association **525**, 1405.
Navy Lawyers: What Do Lawyers Do? J.A. Bannerman **887**, 54. **894**, 71.
Navy League
England **254**, 627. **346**, 1736.
Japan. H.H. Smith-Hutton **408**, 191.
Navy Day, 1930: **344**, 1437.
Navy-Marine Corps Relationship
The Corps' Old School Tie. J.E. Greenwood **873**, 46.
The Marine Corps as a Separate Service. A.M. Fraser **873**, 19.

Navy (Cont.)
Navy Material Maintenance and Management System: Role of the Maintenance Support Office (ProfNote). C.R. Oberg **795**, 142.
Navy Medicine, Survival of. D.L. Custis **858**, 35. **862**, 81. **864**, 84. **865**, 73.
Navy Reduces Coastal Operations (Nbk) **801**, 156.
Navy Regulations: History of Regulations in United States Navy. L.H. Bolander **537**, 1355.
Navy Relief Society **472**, 905. **495**, 623.
Navy Relief, Swann Etchings Sold for. **334**, 1166.
Navy Sabbath 1974: **858**, 104.
Navy's Secret Weapon Circa 1918 (OldNav). R.H. Rankin **772**, 158.
Navy Service Schools. O. Smith **278**, 691.
Navy's Support of Foreign Policy. H.A. Rochester **345**, 1491.
Navy Surface Striking Force: Nuclear Carrier and Modern War. P. Schratz **834**, 18. **838**, 88. **842**, 86.
Navy Tactical Data System
Digital Computers in Weapons Control (ProfNote). R.E. May **731**, 126.
The Wit to See. M. Eckhart, Jr. **738**, 34.
Navy to Cut 76 Ships, 72,000 Men (Nbk) **801**, 156.
Navy Week in England. N.R. Van der Veer **346**, 1736.
Navy Yard Spirit. C.W. Fisher **177**, 2495.
Navy Yards: See: Naval Bases and Names of Localities; Stations, and Bases; under names of countries.
Need For a Strong Navy: On Hugging a Bear, Take Care. S.A. Swarztrauber **857**, 18.
Netherlands: Budget for 1901: **97**, 175.
Norway
Budget for 1900-01: **97**, 175.
Budget for 1901-02: **100**, 773.
Our Future. S.B. Luce **51**, 541.
Physicians: Naval Medical Officer, the Worst of Both Worlds. F.E. Dully, Jr. **803**, 60. **808**, 101, 102, 103. **809**, 97, 98, 99. **810**, 100. **813**, 86. **815**, 85.
Progress of Navy, 1899: **92**, 929.
The Purpose of a Navy... D. Ammen **7**, 119.
The Reconstruction and Increase of. Prize Essay, 1884. W.I. Chambers **32**, 3.
The Reorganization of the Navy. W.L. Rodgers **72**, 747.
Russia
Budget, 1900: **92**, 951.
Budget for 1901: **97**, 175.
Budget for 1901-02: **100**, 774.
Fire at Galerncira Island Ship Yard **99**, 611.
The Russian **72**, 838, 1898. **87**, 525.
Spain
Budget, 1897: **84**, 769.
Expansion; Personnel **84**, 768.
Program (new) **100**, 775.
Sweden **87**, 560.
Budget, 1896: **77**, 242.
Budget for 1902: **100**, 776.
Personnel, Numbers **100**, 776.
Turkey: Program of Reconstruction **100**, 776.
United States
A Bicentennial Appraisal. J.L. Holloway, III: **881**, 18. **886**, 90.
Budget, 1901-02: Naval Appropriation Bill as Passed **97**, 185.
Docks for Torpedo Boats at Norfolk **100**, 782.
Dry Docks (New) **99**, 618.
Dry Docks: New Docks at Algiers, Guam, and New York **100**, 780.
1873—The Best Was Yet To Be. J.R. Wadleigh **849**, 56.
Estimates for 1902-03: **100**, 778.
50 Years Later (C&D) **853**, 97.
The Future of the Navy. B.M. Blechman **887**, 27. **892**, 81, 83, 84.
Good and Bad Points **86**, 380.
Growth of the U.S. Navy. Talbe..., 1896: **80**, 821.
High-Low. E.R. Zumwalt, Jr. **878**, 46. **881**, 76. **882**, 69. **883**, 75. **884**, 91. **885**, 73. **886**, 79. C&D: **887**, 77. **888**, 74. **889**, 80. **890**, 80, 83.
History: Navy of 1845 (OldNav). B. McCandless **744**, 166.
Increase Since Spanish War **95**, 543.
Mission of: Post-Vietnam Navy: the Rhetoric and the Realities. J.K. Holloway, Jr. **834**, 52. **838**, 87. **847**, 96.
Navy Department: The Fulcrum and the Balance. R.P. Smyth **771**, 70. **774**, 106. **778**, 109.
Navy Yard at Olongapo, Remarks **100**, 780.
Navy Yard at San Juan **99**, 619.
Navy Yard at San Juan, Remarks **100**, 780.
Navy Yard, New York, Improvements **99**, 619.
1974. W.H. Bagley **804**, 18. **809**, 99, 100. **815**, 88.
Our Coming Air-Capable Navy (NavRev). G.G. O'Rourke **891**, 90.
Painful Development of a Professional Navy. F.S. Craven **759**, 78. **764**, 120, 121.
Personnel, Philippine Firemen **98**, 403. **100**, 780.
Personnel, Recommendations of the Secretary **100**, 777.
Program for 1902-03: **100**, 777.
The Spirit of '76. R.D. Glasow **881**, 25. C&D: **888**, 82.
Toward a Navy Second to One. R.H. Smith **837**, 42. **847**, 93.
United States Navy for the Future. R.H. Smith **817**, 18. **820**, 81, 82, 83, 85, 87, 89, 90. **821**, 89, 90, 91. **822**, 93, 94. **823**, 93, 94. **824**, 93. **825**, 93. C&D: **827**, 94. **828**, 105. **829**, 102. **830**, 92, 93. **841**, 95.
Warship Design: Ours and Theirs. J.W. Kehoe, Jr. **870**, 56. **874**, 73, 74.
Youth and the U.S. Navy. C.G. Reynolds **845**, 26. **849**, 87.
Venezuela: Program (New) **100**, 783.
Yard, Channel Improvement, Washington. A.G. Menocal **22**, 627.
Yards and their Defense. S.B. Luce **76**, 679.
Naylor, W.K. **244**, 1067.
Naymark, Sherman
Power in the Sea **779**, 18.
"Underway on Nuclear Power"—Development of the Nautilus **806**, 56.
NC-4 Flying Boat
NC-4: History Preserved (Pict). James Johnston (photog.) **795**, 94. **799**, 106. **801**, 128. C&D: **804**, 91.
"Paint and Pluck—and the NC-4" (OldNav). Ted Wilbur **795**, 146.
Neal, Blanchard M.: Aboard Subchaser 206: **883**, 69.
Nearchos, Admiral. C.Q. Wright **214**, 1925.
Nearchus: Ancient Amphibious Assault. E.K. Thompson **527**, 38.
Near East
Destroyer in. R.S. Field **264**, 246. **265**, 400.
Edsall (U.S.): on Relief. E.B. Perry **438**, 1128.
European Strategy Re-evaluated. E.J. McNulty **580**, 631.
Neary, Donna (artist): Marine Corps Drummer of the Civil War Period—November 1972 Cover.
Neblett, W.R.: Freedom of the Seas—For Fishing **672**, 85.
Nebraska (USS)
Description **119**, 1141.
Launched **112**, 877.
Nebraskan (SS): Torpedoed **158**, 1352.
Neches (SS)
The Neches Case **159**, 1707.
Torpedoed **184**, 1375.
Needed: Shallow Thinking. C.C. Bates, George Tselepis and Daniel Von Nieda **789**, 43.
Needham, B.H.: Landsat: A Routine Problem-Solving Tool for Naval Officers (ProfNote) **882**, 94.
Needham, R.C.: Officer Evaluation and Promotion **685**, 60.
Need to Know. J.D. Harrington **634**, 1299.
Neely, T.A., Jr. (tr.) **868**, 54.
Neeser, R.W.
Historic Ships of the Navy **292**, 735. **275**, 26. **281**, 1339. **283**, 1758. **286**, 2437. **288**, 171. **291**, 558. **302**, 289. **307**, 763. **313**, 209.
Congress **397**, 345.
Columbia **366**, 1165.
Constellation **386**, 539.
Cricket **381**, 1543.
Dolphin **383**, 14. **389**, 1012.
Essex **370**, 1707. **374**, 550.
Fulton **455**, 48.
Hornet **456**, 218.
Katahdin **458**, 509.
Montauk **459**, 687.
Peacock **417**, 1581.
Porpoise **447**, 647.
Powhatan **446**, 496.
Queen of the West **417**, 1584.
Revenge, Historic Ships of the Navy **420**, 202.
Neeser, Robert W.
Battle of Lake Erie, Sept. 10, 1813: **147**, 921.
British Naval Operations in West Indies, 1650-1700: A Study in Naval Administration **154**, 1599.
The Navy's Part in the Acquisition of California **125**, 267.
Role of Kite Balloon in Anti-submarine Operations **186**, 1924.
Ships of the U.S. Navy: An Historical Record of those now in service and of their predecessors in the same name **157**, 873. **158**, 1185. **159**, 1623. **160**, 1975. **161**, 147. **162**, 509.
True Story of the "America." **126**, 573. **128**, 1313.
Neff, J.C.: See: Book Reviews, W.F. Hahn.
Neff, J.K. **841**, 90.
Neff system of submarine boat propulsion. Discussion of. **160**, 2065. **161**, 264. **162**, 611. **163**, 965. **165**, 1676.
Negato (Jap. battleship): Description **166**, 1978.
Neglected Ocean. M.W. Cagle **669**, 54.
Negroes
Apartheid: Shadow Over South Africa. J.A. Rondeau **883**, 18. **886**, 86. **887**, 89. **888**, 74.
Black Midshipman at the U.S. Naval Academy. R.L. Field **842**, 28. **846**, 98. **849**, 91.
Colored Men in the War **187**, 2120.
Command Leadership and the Black Serviceman. L.H. Bennett **818**, 42.
Discrimination? A Minority Review (ProfNote). Abe Greenberg and C.H. McKeown **820**, 104.
Equality or Preference (C&D) **841**, 101.
Equal Opportunity, Challenge to Navy's Management. B.A. Wiley **811**, 34.
Seven Days in July. J.M. White **827**, 37.

Negro Fort: See: Forts.
Negron, G.L.: "I am the Two-Headed Ogre..." (Kenner) (C&D) **882**, 72.
Negus, Bennett: See: Malo, H. American Privateers **139**, 933.
Negus, T.S. and J.D.: Rules for the Care and Handling of Chronometers **20**, 199.
Neilson, A.
American Bureau of Shipping and Commercial Submarines (ProfNote) **787**, 133.
Master Mariner to Master Submariner (C&D) **776**, 104.
Neilson, R.P.R. (artist): Fleet Admiral E.J. King--January 1969 Cover.
Neilson, T.L.
Global Strategy Discussions (ProfNote) **690**, 135.
The People Factor (C&D) **776**, 109.
Nekrasov, G.: Quo Vadis, Small Naval Power? **852**, 62.
Nelles, Merice: Sink the Old Buttercups (ProfNote) **892**, 106.
Nelson, A.G. **695**, 117. **707**, 116, 119. **708**, 118. **713**, 126. **718**, 106. **856**, 45.
and N.G. Mosher: Proposed: A Counter-insurgency Task Force **760**, 36. **767**, 101.
Black-Shoe in a Brown-Shoe World **809**, 57. **813**, 89. **814**, 83.
The 1100: He Flies Not; Neither Does He Sink **829**, 44. **836**, 88, 91, 92.
Jointly Disjointed (ProfNote) **851**, 101.
Major Command (Morrison) (C&D) **833**, 102.
Noforms Are the Answer **704**, 66.
Phormio: The First Naval Tactician **722**, 88.
Politics and the Naval Officer **703**, 29.
Stars, Stripes, and Gresham's Law (C&D) **785**, 97.
Nelson, A.J. **637**, 329.
Nelson, C.A.: "Trapped" by Nonselection? (C&D) **812**, 87. **823**, 92.
Nelson, C.H., Jr.
High Point (PCH-1) (NewNav) **727**, 156.
Puget Sound--Navy's New Frontier (ProfNote) **729**, 120. **736**, 122.
Nelson, D.J. (BkRev) **840**, 101.
Nelson, David: Navy Enlisted Instructor: Anybody Can Be One (Steensma) (C&D) **877**, 116.
Nelson, F.E.: Handling Vessels in Restricted Waters **304**, 446.
Nelson, F.J. **354**, 1204. **388**, 860. **611**, 90.
And Now--Naval R.O.T.C. Students Become Ensigns of Line **458**, 539.
Beaufort Wind Scale **381**, 1546.
Censorship **482**, 551.
Emporiums Afloat **462**, 1098.
Good Gulf **471**, 622.
Guam--Our Western Outpost **443**, 83.
History of Aerology in Navy **374**, 522.
Honored in War, Honored in Peace **520**, 833.
Hurricanes and Our New Bases **463**, 1273.
Lieutenant William E. Safford--Guam's First Lieutenant Governor **594**, 851.
Lighter-than-Air Craft and Line Squalls **373**, 369, 397. **378**, 1142.
More Education for Naval Officers **344**, 1364.
Navicert and Pericert **460**, 825. **463**, 1311.
Neutrality Zone of Americas **451**, 1241.
Notes on Asiatic Cruise **397**, 390.
Obligation of Freedom **507**, 487.
Overboard--Cocked Hat and Epaulets **474**, 1100. **477**, 1607. **482**, 563.
Port Director--First Assistant to Forces Afloat **536**, 1175. **539**, 79.
Questions for Answer **479**, 55.
Shore Patrol **491**, 45.
This Fateful Interlude **526**, 1553.
Thumb Rules for Altimeter Corrections **369**, 1573.
Twenty-Four Hour Clock **505**, 320.
Typhoons Over Guam **456**, 237.
Upper-Air Soundings by Aerograph **390**, 1140.
Villainous Vesuvius **503**, 35.
War and Winter in North Atlantic **611**, 67.
Why Guam Alone is American **402**, 1131.
Yellow Is Color **498**, 981.
Nelson, H. **219**, 685. **356**, 1539. **359**, 14, 148. **364**, 793. **365**, 1057. **367**, 1381. **539**, 79.
See also: Cover Pictures--October 1955; Daveluy, R. **127**, 980; Frost, H.H.: Letters on Naval Strategy; Luce, S.B. **129**, 93.
Fleet Maintenance in Nelson's Day, Sketch of. M.F. Talbot **437**, 958.
Great Lesson from Nelson for Today. D.W. Knox **150**, 295.
Horatio Nelson. M. Lewis **632**, 1093.
Horatio Nelson, a Bibliographical Survey. M. Lewis **632**, 1161.
Impressions of Nelson (J.A. Fisher papers). A.J. Marder **545**, 843.
Nelson and Court-martial Tradition. F. Pratt **321**, 943. **325**, 226.
Nelson and Saumarez. H.P. Martin **563**, 65.
Nelson's Coffin **681**, 104.
One Dab of Whitewash for Nelson. M.M. Zogbaum **358**, 1747.
Significance of Aboukir Bay. R.A. Cahill **773**, 79.
Strategy and Tact cs of. See: Darrieus, War on the Sea **125**, 164.
Two Hundredth Anniversary **667**, 105.
Two pictures of Nelson's time. (Portrait of Nelson and picture of funeral car.) G.T. McMaster **119**, 1077. **126**, 699.
Nelson, J.C.: "Satisfactory" Not Enough (C&D) **741**, 111.
Nelson, R.E.
Bases of Naval Law **553**, 269.
We Should Have Shipboard Shooting Galleries **439**, 1258.
Nelson, T.: Revolving Storms... **8**, 231.
Nelson, The Children of. **70**, 337.
Mahan's Life of. (Rev) **82**, 393.
Nelson, W. **351**, 750.
Airships--or Not? **367**, 1327. **371**, 104.
Autogiro as Military Craft **342**, 1092.
Duralumin Welding **289**, 360.
Heat Treatment of Duralumin **290**, 483.
Salvage of the De Long **234**, 1345.
Nelson and court-martial tradition. F. Pratt **321**, 943. **325**, 226.
Nelson (Eng.) **265**, 483. **273**, 2180. **274**, 2357. **277**, 503. **290**, 466. **298**, 1331. **316**, 543. **337**, 396. **344**, 1417. **356**, 1523. **357**, 1673. **358**, 1824.
Nemec, F.A.: Soviet Maritime Establishment **742**, 26. C&D: **749**, 112.
NEMEDRI: See: Safer, Saner Seaways. J.H. Beattie.
Nemits, F.T.: Damage Control, Ready or Not (C&D) **771**, 120.
Neptune (HMS) **344**, 1411, 1416. **346**, 1715.
Description **129**, 292. **137**, 293.
Launched; description **132**, 1280.
Neptune (planet) **269**, 1197.
Neptune (U.S. collier): Trials; description **142**, 791.
Neptunia (SS) **348**, 293. **354**, 1229.
Neptunus Rex. G.F. Howell **286**, 2485.
Nereus (U.S.) **803**, 93.
Launched; description **146**, 868.
Nervig, C.A.: The Cyclops Mystery (OldNav) **797**, 148. **803**, 91, 92.
Ness, F.W. **482**, 566.
Nesworthy, J.E.: Most Silent Service (Cagle) (C&D) **802**, 112.
Netherland, R.M.: Challenge in Teaching--Foreign Military Student **685**, 78.
Netherlands **201**, 1943. **248**, 1753. **249**, 1939. **250**, 2116. **287**, 98. **331**, 878. **336**, 257. **345**, 1572. **349**, 444. **351**, 778.
Defense
Fortifications of Flushing **138**, 668.
Problem of the Scheldt Fortification (1911): **137**, 333.
History: North Sea. W. Langeraar **767**, 20. **771**, 121, 122. **775**, 114. **779**, 111. **801**, 114. **803**, 94.
Naval Air Service: Flying Dutchman (ProfNote). J. Fricker **733**, 145.
Naval History: Some Exploits of the Old Dutch Navy. H.H. Frost **191**, 19.
Navy
Dutch and Norwegian Navies. J.A. Gade **480**, 193.
Dutch Buy Brequet ASW Aircraft (Nbk) **790**, 157.
Dutch Carrier Retired (Nbk) **790**, 157.
Fair Exchange. G.M.W. Acda **773**, 60.
Marine Corps: As Far As World Extends Itself. R.H. Rankin **618**, 889. **622**, 1392.
Mutiny in Dutch Navy, May 1916: **164**, 1369.
Netherlands Navy Fights On. W.L. Robinson **493**, 291.
Queen's Navy at War. G.W. Stove **565**, 289. **567**, 557.
Resurgent Rotterdam. G.M.W. Acda **806**, 70.
Royal Netherlands Navy (Pict). C.V. Gordon **664**, 89.
Royal Netherlands Navy in the Caribbean (ProfNote). F.P.H.M. Koch **830**, 118.
Socialism in Dutch Navy? (1913): **150**, 546.
Strategic Importance of Netherlands. "Batavus" (nom de plume) **609**, 1201.
HNMS Tjerk Hiddes--Timor Ferry. C.V. Gordon **684**, 31.
Two Nations "Go Dutch" (C&D) **845**, 85.
Program
1902-3: **101**, 122.
1913-14: **147**, 1346.
1915-16: **158**, 1295. **160**, 2026.
Vessels Building
1902: **104**, 975.
1912: **144**, 1655.
Netherton, D.E.: Survival of the Fittest: Five Years Later (Turkington) (C&D) **888**, 73.
Nets: For Defense. L.M. Mintzer **501**, 1363.
Nets (fishing): Lifting net for fishing in tropical waters. M.L. Wood **109**, 197.
Nets (torpedo): See: Torpedo Protection.
Net Tenders: See: Cover Pictures--July 1962.
Neubauer, John: Hunley (USS) (AS-31) (NewNav) **723**, 170.
Neufchatel, Prince de (U.S.): See: Cover Pictures--July 1963.
Neufeld, G.M., and J.S. Santelli: Smedley Butler's Air Corps: First Marine Aviators in China **890**, 48.
Neumann, W.L. **629**, 829.
Franklin Delano Roosevelt: Disciple of Admiral Mahan **593**, 713. **603**, 561.
Neutrality
See also: Law, International Maritime.
Abolition of. **344**, 1413.
America's Undeclared Naval War **710**, 108.
Appraising Our Neutrality. C. Moran **430**, 1705.
Arms and **414**, 1181.
Breach of Neutrality. I. Olch **403**, 1265. **406**, 1771.
Can it be maintained by a world power? **349**, 335. **352**, 901.

Neutrality (Cont.)
Franco-Russian Understanding **344**, 1413, 1429.
Inconsistent American Neutrality. W. Chamberlin **450**, 1079.
Keeping United States Neutral. W.W. Phelps **380**, 1353.
Naval Power and Neutral Trade **314**, 353.
Naval Power as Preserver of Neutrality and Peace. D.W. Knox **411**, 619. **416**, 1469.
Navicert and Pericert. F.J. Nelson **460**, 825. **463**, 1311.
Neutrality Zone of Americas. F.J. Nelson **451**, 1241.
Removal of Passengers from Neutral Vessels. R. Wainwright **244**, 908.
Sacramento, Voyage of. W. MacArthur **378**, 1061.
Sweden: Neutralism or Neutrality? C.O. Lerche, Jr. **695**, 68.
Sweden's Armed Neutrality. W.H. Hessler **623**, 39.
Three Cases of International Law. L.T. Miles **462**, 1147.
Nevada: Hawthorne **334**, 1135.
Nevada (U.S. Monitor): Trials **106**, 493.
Nevada (U.S.) (BB-36): **850**, 85.
Bread and Water for the Bean (Old-Nav). A.E. Smith **894**, 56.
Description **142**, 776. **154**, 1808. **159**, 1649. **160**, 2030. **162**, 576.
Description; illustration plans **146**, 866.
Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
I Remember Pearl Harbor. J.K. Taussig, Jr. **838**, 18. **844**, 96. **847**, 97. **851**, 80.
Keel Laid **144**, 1664.
Navigational Nimbleness **668**, 107.
Photograph **160**, 2015.
Ships of the U.S. Navy (illus). R.W. Neeser **158**, 1185.
Under Water at Pearl Harbor. C.J. Merdinger **886**, 48.
Neville, W.C.: U.S. Marine Corps **320**, 861.
Nevins, J.H., Jr.: Career Officer as Existential Hero (Deininger) (C&D) **818**, 91.
Newark (USS)
Reconstruction of. **101**, 135. **102**, 385.
We Chopped Wood. J.K. Taussig **496**, 639.
Newberry, Barnes **670**, 122.
Newbould, E.J.
Burden of Being Privileged (C&D) **746**, 104. **750**, 119.
Credible Incentive (C&D) **740**, 92. **742**, 107, 110, 111.
Rules of the Nautical Road for Officers of the Deck (ProfNote) **739**, 136.
New Britain: Rabaul, Rise and Ruin of. J.C. Shaw **580**, 625.
New Caledonia: La France Australe. R.C.D. Hunt, Jr. **490**, 1573.
Newcastle (HMS)
Launched; description **133**, 274.
Sunk by Mine **167**, 196.
Trials; description **135**, 875.
Newcomb, J.W., Jr.: Military Viewpoint (C&D) **739**, 113.
Newcomb, R.A.: Color Discrimination (anec) **626**, 418.
Newcomb, R.F. **700**, 95. **708**, 109.
Iwo Jima (C&D) **753**, 113.
Newcomb, Simon: The Nautical Almanac **7**, 33.
Newcomb (U.S.): Victim of Kamikazes. I.E. McMillian **544**, 683.
New Competition. T.J. Casey **331**, 792.
Newell, R.H.: Latest Improvements in Artillery (OldNav) **846**, 71.
New England Forces, Landing, 1745: See: Cover Pictures--March 1953.
New Georgia Island: See: Segi Man.
New Guinea
Papua: Lesson in Seapower. J.C. Shaw **573**, 1205.
Shadow to Dagger. G.O. Walbridge **527**, 15.
New Hampshire (USS) **277**, 464.
Description **112**, 876.
Later Granite State **428**, 1430.
Ships of the U.S. Navy. R.W. Neeser (illus) **161**, 150.
New Ironsides (USS) **286**, 2443. **455**, 42.
New Jersey: Lakehurst: See: Airships-U.S.
New Jersey (USS) (BB-16): **250**, 1987.
Princeton, Battle of. **249**, 1848.
Illustration **101**, 134.
New Jersey (U.S.) (BB-62)
New Challenge for the USS New Jersey (Pict) **787**, 88.
New Jersey Returns to Long Beach (Nbk) **796**, 152.
Reactivation of the Battleship New Jersey (C&D) **792**, 107.
Study Starts to Activate Battleship New Jersey (Nbk) **775**, 150.
Welcome to the War. R.D. Heinl, Jr. **793**, 58. **797**, 119, 120. **798**, 111.
Newland, J.R.: Surface Ship Overhauls (C&D) **763**, 117.
Newlin, R.B.: NROTC Plight (C&D) **758**, 134.
New London, Conn.: Stephen Decatur at New London, A Study in Strategic Frustration. D.S. Jordan **776**, 60.
New London, Stephen Decatur at (C&D) **780**, 103.
New London Submarine Base: See: Pictorial Section.
Newman, J.H.: Demotion of Professionalism at the War Colleges (C&D) **751**, 115.
Newman, Nicholas: Remotely-Manned Systems: Technology's Helping Hands (ProfNote) **857**, 115.
Newman, P.C.: Royal Canadian Navy **613**, 295.
New Mexico (BB-40): Balloon Cruise (OldNav). A.E. Smith **871**, 70.
New Mexico (USS) **343**, 1260. **346**, 1720. **348**, 289. **350**, 623.
Description **192**, 284.
Illustration **193**, 413.
Launched; description **172**, 1250.
New Navy
A3J-a Vigilante; High or Low, Fast or Slow. L.A. Heath **703**, 170.
Attack Cargo Ships. J.B. Rutter, Jr. **677**, 150.
Attack Transport, Paul Revere. J.A. Obermeyer **681**, 150.
Bainbridge (DLGN-25). J.H. Bell **717**, 168.
Constellation (CVA-64). T.J. Walker **721**, 152.
Fleet Oiler, W.D. Brinckloe **667**, 146.
Forrestal-Class Attack Carrier. W.D. Brinckloe **665**, 144.
Forward Area Air Station. H.L. Gordon **710**, 161.
The Frigate. W.D. Brinckloe **661**, 154.
Grumman A2F-1 Intruder. J.E. Oglesby **699**, 178.
High Point (PCH-1). C.H. Nelson, Jr. **727**, 156.
Hunley (AS-31). J. Neubauer **723**, 170.
Iwo Jima (LPH-2). L.W. Garrison **729**, 162.
Josiah Willard Gibbs. H.B. Sherry **686**, 156.
King (DLG-10). M.E. Bustard **697**, 161.
Landing Ship, Dock. E.S. Arentzen **673**, 144.
The LST. W.D. Brinckloe **705**, 174.
Newest Minesweepers in the U.S. Navy. H.E. Padgett **725**, 172.
Northampton (CLC-1). J.L. Craig **689**, 155.
Ocean Radar Station Ship. J.A. Brown **666**, 144.
Phantom of the Carrier Fleet. J.E. Oglesby **695**, 156.
Range Tracker (T-AGM-1): R.M. Garrick **712**, 170.
Suribachi (AE-21). J.T. Henrizi **714**, 152.
Henry B. Wilson (DDG-7). (ProfNote). L.D. Caney **701**, 152.
New Orleans
Capture of, 1862: Passage of Forts Jackson and St. Philip, and capture of New Orleans. W.L. Rodgers (1862) (Map) **112**, 715.
Fall of New Orleans, 1862. H.O. Werner **710**, 79.
New Orleans (USS)
1st (Ship-of-the Line) **306**, 728.
74-gun, Sackett's Harbor **394**, 1796. **428**, 1426.
2nd (CA-32): **330**, 753. **337**, 399. **355**, 1368. **357**, 1673. **364**, 898. **376**, 853.
New Orleans, Battle of
Amphibious Operation that Failed. W.L. Ainsworth **504**, 193.
Navy at Battle of. E.N. McClellan **262**, 2041.
Newport News (CA-148) (U.S.) **839**, 109.
Eight-inch Guns Relined in Ship/Shore Evolution (ProfNote). W.J. Smith **842**, 107. **846**, 97.
Newport News: The Last Heavy Cruiser (Pict) **869**, 58. **877**, 125.
Newport (N.Y. training ship) **330**, 759.
Newport/Quonset Point Naval Complex (Pict). W.M. Powers (Photog.) **803**, 72.
Newport, Rhode Island
Anecdotes **514**, 1498.
Naval War College: See: Naval War College.
Navy at Newport. M.H. Elliott **364**, 833.
Newport torpedo station. Torpedo Output of Newport Station (1913): **148**, 1763.
News: Public Affairs in the Instant World. A.E. Eastman **793**, 78. **798**, 106.
Newschwander, W.A.: The Odd Ones (Pict) (C&D) **820**, 91.
Newsom, J.
Location Unknown (anec) **593**, 749.
Results vs. Training **431**, 20.
Newsom, Joel
Colossal Confidence (anec) **728**, 99.
Unusual Academic Qualifications (anec) **796**, 44.
Newspapers **313**, 270.
See also: Publicity.
Crutch, Civil War Annapolis **417**, 1612.
The Press: A Matter of Perspective. R.F. Leider **844**, 34. **849**, 93. C&D: **852**, 96.
Newton, John T.: Destruction of the USS Missouri. A. Farenholt **142**, 557.
Newton, L.: Gorilla Warfare (anec) **622**, 1319.
Newton, Lewis: Navigation Know-How (anec) **766**, 37.
New type for Navy: J.U. Lademan, Jr. **352**, 865.
New York (U.S.) **428**, 1430.
See also: Old Navy. Ship of Three Names; Farenholt, A. **128**, 1279.
Battleship **341**, 888.
Cruiser **335**, 69.
2nd
Illustration **144**, 1665.
Launched; description **144**, 1664.
The Launching of the. R. Stocker (illus) **144**, 1337.
Photograph of, firing a salvo **156**, 325.
Photo of in New York Harbor **167**, 1.
Ships of the U.S. Navy. R.W. Neeser **155**, 9.
New York: Plattsburgh, Battle of **324**, 142.
New York City **254**, 655. **342**, 1098, 1145.

Harbor, Old chart of **374**, 510.
Income from Shipping **344**, 1418.
Statue of Liberty **309**, 1201.
New York Harbor
Photo of New York harbor showing battleship squadron **171**, 995.
Supervisor. W.S. Anderson **329**, 575.
New York Maritime College: Seaweed and Ivy. G.M. Gregory **647**, 33.
New York Naval Shipyard (Pict) **581**, 755.
New York Nautical School: See: Empire State (U.S.)
New York Navy Yard: Future development of the New York Navy Yard. W.G. Groesbeck and F.R. Harriss (Map) **139**, 853.
New York Prison Ships in American Revolution. L.H. Roddis **331**.
New York State Merchant Marine Academy. A.M. Tode **321**, 959.
New York State Nautical School **330**, 758. **341**, 976. **346**, 1720. **349**, 437. **354**, 1228. **355**, 1280.
New York Times: Chinese Bandits **339**, 701.
New York Yacht Club: Navy Members' Cup **403**, 1367.
New Zealand **270**, 1459. **345**, 1573.
Air Force: Orions for New Zealand (Nbk) **763**, 166.
Description **139**, 1056. **144**, 1643.
Illustration **144**, 1643.
Navy
Britannia Has a Family. D. Cowie **460**, 842.
Britain's Junior Navies. D. Cowie **451**, 1291.
New Zealand to Hire HMS Blackpool (Nbk) **763**, 166.
New Zealand to Get New Frigate (Nbk) **799**, 158.
New Zealand Orders U.S. Planes (Nbk) **742**, 153.
New Zealand's Military Service **164**, 1324.
Trials **115**, 715.
Nguyen Ba Trang: Position Confirmed (anec) **799**, 136.
Niagara (U.S.) **495**, 569.
Neeser, R.W. **147**, 921.
Perry's Niagara Under Restoration (Nbk) **721**, 140.
Nibbs, E. **420**, 252.
Niblack, A.P. **247**, 1585. **268**, 1098. **280**, 1266. **699**, 122.
American Naval Policy **114**, 467.
Answer to criticisms of "elements of fleet tactics" **119**, 1065.
Athletics, Beneficial and Otherwise **248**, 1609. **251**, 86.
Barbary Pirates, Algeria... **242**, 571.
Colliers and Coaling Stations (Map) **111**, 567.
Colonial Possessions of France **240**, 261.
Comment on Lt. Dewar's papers on speed in naval tactics and strategy **124**, 1385.
Death of **321**, 1013.
The Enlistment, Training and Organization of Crews for our Ships of War. Prize Essay, 1891: **57**, 3. Discussion **58**, 297.
Elements of Fleet Tactics **118**, 387, 675.
Forms of Government and War **211**, 1399.
French Finances, Culture... **241**, 435.
French Morocco, Colonial Miracle **240**, 253.
International Hydrographic Bureau, Monaco **255**, 856. **287**, 108. **300**, 135.
Jane Naval War Game **107**, 581.
Letters of a retired rear admiral to his son in the navy **156**, 367. **157**, 841.
The Naval Militia Movement **76**, 779.
Naval Signalling **64**, 431.
On "hints on naval tactics" **125**, 45.
On single display tactical signals **106**, 429.
Operations of navy and marine corps in Philippine Archipelago, 1898-1902: **112**, 745. Addendum by E.B. Barry **114**, 463.
Plea for physical training in the Navy **129**, 67.
Proposed Day, Night and Sound Signals for the Navy **58**, 253.
Safety of life at sea and life saving **295**, 1018.
Signal question once more **103**, 553.
The Signal Question up to Date **61**, 57.
The Swedish system: a further plea for physical training in the navy **138**, 425.
Tactical Considerations in Torpedo-boat Design **93**, 167.
Tactics of the Gun **104**, 925.
Tactics of Ships in the Line of Battle. Prize Essay, 1896: **77**, 1.
The Taking of Ilo Ilo **91**, 593.
Tangier, International Waif **238**, 2063.
Niblock, Robert: USNS Silas Bent (T-AGS-26) (NewNav) **757**, 166.
Nicaragua
Air Service in Minor Warfare. R.E. Rowell **320**, 871.
Admirals as Diplomats. W.S. Meriwhether **457**, 378.
Book Review **325**, 257.
Bringing "Ducks" from Nicaragua. H.C. Major **370**, 1727.
Canals
See: Canals.
Proposed Nicaragua Canal. J.L. Denig **437**, 1012.
De facto settlement reached **293**, 814.
Desires to join Federal Council of Central American Republics **222**, 1314.
Election Decree, 1928: **303**, 422.
Elections, U.S. to Supervise **330**, 771.
Finance Proposals **311**, 74.
Flying Paymasters. G. Richards **318**, 685.
Great Britain **290**, 493.
Guerrilla Warfare **288**, 230. **301**, 242. **305**, 622. **307**, 809. **340**, 841.
Leadership of Nicaraguan National Guard: La Palabra del Gringo! H.C. Reisinger **384**, 215. **387**, 709.
Liberals Nominate Moncada **302**, 328.
Map **437**, 1025.
Marine Corps Aviation in Second Nicaraguan Campaign. F.P. Mulcahy **366**, 1121.
Marines, U.S. **336**, 274. **338**, 557. **340**, 842. **353**, 1054, 1067.
Mexico **284**, 2157.
Nicaraguan Campaign: Genesis of Air Support in Guerrilla Operations. V.E. Megee **748**, 48.
Nicaraguan Policy of the U.S. R.D. Tarbuck **324**, 113.
Policy of United States **340**, 841.
Protectorate Proposed **290**, 493.
Supervising Nicaraguan Elections (1928). E.N. McClellan **359**, 33.
United States **271**, 1802. **287**, 114. **288**, 229. **289**, 366. **291**, 613. **295**, 1022. **302**, 328. **337**, 414.
United States in Nicaragua vs. Japan in China **350**, 619.
Nicarague Survey, The. J.W. Miller **4**, 65.
Nicholas II, Emperor of Russia. Death confirmed **186**, 1970.
Nicholl, D. **621**, 1274.
Nicholl, G.W.R.: R.A.F. Redundant Air Force **846**, 56. **851**, 76, 79.
Nichols, C.L. **597**, 1257.
International Hydrographic Bureau **581**, 717.
Nichols, D.E.: Fatal Error (anec) **561**, 1279.
Nichols, R.L.: Soviet Maritime Threat (C&D) **776**, 110.
Nichols, R.C.: Surface Warfare Officers: the Need for Professionalism (Hart) (C&D) **885**, 74.
Nichols, W.R., Jr.
Destroyer Seakeeping: Ours and Theirs (Kehoe) (C&D) **853**, 95.
Ships at Sea--Maritime Facts of Life **818**, 34.
Nicholson, James: The Non-Volunteer Navy (OldNav). W.M. Fowler, Jr. **858**, 74.
Nicholson, M.W.: Cold Cash (anec) **773**, 31.
Nicholson (USS): Launched; description **153**, 1505.
Nickerson, H.: Navy in U.S. National Strategy **528**, 149.
Nickerson, N.E.: The Steinke Hood (Prof-Note) **704**, 147.
Nicklas, W.C., Jr.: Antisubmarine Warfare: Intercept Search (Doyle) (C&D) **800**, 120.
Nicknames for fighting ships **515**, 83.
Niclausse Boilers: Efficiency of. **105**, 293.
Nicodemus, G.K., Jr.
Precision (anec) **653**, 741.
Vertical Replenishment and the UH-46A (C&D) **770**, 115.
Vitamins for the Fleet (anec) **632**, 1110.
Nicoloso da Recco (R.I.N.) **328**, 549. **329**, 647. **339**, 680.
Nictheroy and America
Arming of the Brazilian Cruisers. H.P. Elwell **68**, 391.
Pneumatic Dynamite Gun of. **72**, 829.
Nictheroy (U.S.) **335**, 67.
Nidaros (Norwegian Battleship). Launched; description **152**, 1207.
Nielsen, R.E. **780**, 102.
Nielson, Alvin **713**, 114.
Nielson, J.L.
Athletics **247**, 1431.
Last cruise of UB-88: **246**, 1275.
Nielson, R.E.: Hitler's Flattop--The End of the Beginning (C&D) **776**, 101.
Niemeier, E.A.: Practical Side of Duties of Recorder of Summary Court-Martial **475**, 1254.
Niemeier, J.G.: Panama As I See It **887**, 35. **894**, 70.
Niger (HMS): Sunk by Submarine **154**, 1873. **155**, 250.
Nigeria
Nigerian Navy: Tropical Africa's Nascent Navies. R.K. Baker **791**, 65.
Nigeria's New Frigate (Nbk) **745**, 144.
Night, W.E.: United States Accepts a 12-Mile Limit (C&D) **813**, 84.
Nightingale (HMS) **344**, 1417. **346**, 1715.
Night Observation Gun System (NOGS) for Marine Aviation (Nbk) **828**, 128.
Night Vision: See: Optics.
Nihart, Brooke **676**, 121.
Niitaka (HIJMS) **236**, 1791.
Nikel, B.W.: Dollar Dilemma (anec) **601**, 255.
Nikitin, D.: Diplomatic Struggle which Preceded War Between Russia and Japan, 1904-05: **477**, 1591.
Nikitin, D.V. **394**, 1845.
Nikol, John (co-author): See: F.X. Holbrook.
Nikolaev, A Look at the (ProfNote). E.C. Fisher, Jr. **853**, 116. **856**, 99. **857**, 96, 97. **860**, 92, 94.
Nikolay Zubov--Russia's Newest Oceanographic Class Ships (ProfNote). R.D. Plunkett **816**, 97.
Nile, Battle of **359**, 14.
See also: Frost, H.H. **158**, 1067; Nelson, Horatio.
Significance of Aboukir Bay. R.A. Cahill **773**, 79.
Nilsen, Jens **658**, 1346.

Nilson, Alfred: Eight Bells and All's Well (anec) **715**, 47.
Nilsson, D.R.
Sergeant! There's a Tank in My Fox-Hole! (anec) **693**, 55.
Yeah (anec) **694**, 61.
Nimbus Moon/Nimrod Spar: See: Suez Canal--Clearance Ops.
Nimitz, C.W. **433**, 404. **555**, 590. **566**, 443. **614**, 457. **635**, 83. **695**, 118. **708**, 125.
See also: Book Reviews: Potter, E.B.; Naval Institute (SecNotes).
Admiral Nimitz and the Battle of Midway. E.B. Potter **881**, 60.
Chester William Nimitz, 1885-1966. E.B. Potter **761**, 30, 125. **764**, 126, 127. **766**, 135.
Command Personality. E.B. Potter **791**, 18. **796**, 98, 99.
Military value and tactics of modern submarines **144**, 1193.
Naval Reserve Officers Training Corps **304**, 441. **307**, 781. **309**, 998.
Naval Reserve Officers Training Corps (1928): **848**, 82.
Open Letter to Junior Officers **684**, 48. **687**, 103.
Postcript **766**, 126.
Nimitz, O.: True Wind Solver **274**, 2286.
Nimitz (CVAN-68): **869**, 110.
Nina (U.S.) **377**, 952.
Niobe (SMS) **343**, 1263.
Nippon Maru (Jap. MS) **420**, 214.
Nipsic (U.S.)
See also: Old Navy, Page from.
Samoan Hurricane **442**, 1756.
Nitrates
Sources of Supply of Nitrogen Compounds. R. Earle **176**, 2225.
U.S. Government Nitrate Plants (1917): **176**, 2315.
Nitric Acid: See: Nitrogen.
Nitrobyronel: Description **187**, 2125.
Nitro-Cellulose
Nitro-Cellulose in Wire-Wound Guns **107**, 765.
Report (1912) U.S. Joint Army and Navy Powder Board **141**, 133.
Nitrogen
Fixation Processes **131**, 724.
Nitrogen Fixation. C.H. Wright **255**, 779.
Nitrogen Question From a Military Standpoint. C.E. Monroe **131**, 715.
Nitro-Glycerine
Notes on. C.E. Munroe **6**, 5.
Notes of the Manufacture of at Vonges. C.E. Munroe **7**, 141.
Nitze, P.H.
Address 16 March 1964 at Joint Session of NWC and ICAF **737**, 160.
Role of the Service Secretary in the National Security Organization. P.R. Schratz **871**, 18.
Nixon, C.P.: Smaller Navies **737**, 61.
Nixon, Lewis
Collision Between HMS Hawke and RMS Olympic **140**, 1377.
The Gas Engine for Heavy Marine Service **123**, 878.
On the Merchant Marine and the Navy **134**, 587.
Nixon, R.M.: President's Message to Congress on the U.S. Merchant Marine (NavRev) **807**, 354.
Nixon Doctrine **828**, 44. **830**, 26. **833**, 20, 26. **852**, 20, 23. **858**, 19, 20.
The New Geopolitics. C. Hosmer **846**, 18.
Nixon Doctrine and Naval Force (C&D) **847**, 100.
The Only Option? G.E. Lowe **818**, 18. **825**, 86. **826**, 88. **827**, 94.
NJROTC: See: Reserve Officers Training Corps.
Noa (USS) **299**, 1. **345**, 1473.
Fall of Nanking. R. Pineau **633**, 1221.
Noah's Ark, Scientists Seek to Confirm Discovery of (Nbk) **804**, 126.
Noble, A.G. **586**, 1343.
Noble, Dennis L.: They Are All Gone **877**, 92.
Noble, J.K., Jr. **689**, 99.
Noble, M. **256**, 878.
Nobody Asked Me, But... **866**, 88. **870**, 92. **871**, 84. **872**, 92. **873**, 84. **874**, 82. **875**, 78. **876**, 84. **877**, 128. **878**, 98. **880**, 84. **881**, 84. **882**, 82. **883**, 84. **884**, 102. **885**, 84. **886**, 92. **887**, 90. **888**, 70. **889**, 86. **890**, 90. **892**, 78. **893**, 94. **894**, 72. **895**, 94. **896**, 78. **897**, 86. **898**, 84.
"No Contest" on the Fishing Grounds. A.L. Lonsdale **785**, 62. **789**, 115.
Noel, J.V., Jr. **575**, 93. **582**, 890. **583**, 998, 999. **585**, 1228. **586**, 1345. **600**, 201. **623**, 100. **627**, 590. **634**, 1381. **635**, 89. **676**, 122. **696**, 109. **708**, 107. **712**, 109. **715**, 108. **719**, 133, 134.
Book Review **744**, 124.
Deepdraft Shiphandling (ProfNote) **683**, 131.
Morale and Discipline **568**, 647.
Naval Leadership in the Nuclear Era **670**, 54.
Navy and the Department of Defense **705**, 23.
Prestige of the Navy Family (C&D) **747**, 118.
Showing the Flag in Southeast Asia **624**, 179.
Take Care of Your Men (C&D) **734**, 109. **739**, 114.
Work Study Groups (C&D) **737**, 113.
Nogi, M.: Great Warrior's Last Sacrifice. J.M. Ellicott **403**, 1272.
No Higher Calling. F.F. Smart, Jr. **666**, 36.
Nohrden, M.M. **517**, 441.
Amphibian Tractor, Jack of All Missions **515**, 13.
Our New Service Rifle **436**, 865.
Noise
See also: Sound.
Effect of Noise on Aviators **328**, 556.
Nokomis (USS) **262**, 2121. **316**, 508.
Nolan, G.J.: A Ship, A School and A Century of Learning (ProfNote) **862**, 102.
Nolan, R.M.: Controlling the Terrier Guided Missile (ProfNote) **653**, 793.
Nolan, R.W.: Is Military Unionization an Idea Whose Time Has Come? (Kane) (C&D) **890**, 77.
Nomograms: See: Altitude and Azimuth.
Nomograms, Use of. G.L. Schuyler **218**, 547.
Nomura, K.
Japan After Independence **603**, 487.
Stepping-Stones to War **583**, 927.
Non-Judicial Punishment in the Royal Navy (ProfNote). B.A. Wiley **773**, 139.
Nonproliferation of Nuclear Weapons, Treaty on Elusive Goal of Nonproliferation. S.L. Harrison **794**, 26.
Noone, J.A.: Patriotism: the Self-evident Truths (Mason) (C&D) **832**, 103.
Noppen, H.J. **578**, 423.
"...Nor Dark of Night." D.V. Gallery **794**, 85. **799**, 105.
Nordenfeldt Gun **835**, 71.
Nordenfeldt Machine Guns (Palmcrantz's System), The. W.W. Kimball **188**, 189.
Nordenfelt I (Sw.): The Sultan's Submarines. V.L. Collins **860**, 66.
Nordenfeldt, T.: Submarine Boats **38**, 439.
Nordic Balance in the 1970s. A.L. Romaneski **846**, 32. **850**, 90.
Nordstrom, C.J.: Naval Phraseology (anec) **612**, 181.
Norfleet, J.P. **325**, 261.
Have Airships Military Value **330**, 708.
Norfolk: Lucrative Target? (C&D) **862**, 90. **866**, 87.
Norfolk Naval Complex (Pict) **834**, 71.
Norfolk Navy Yard: The Development of. A.C. Cunningham (maps) **133**, 221.
Norfolk (Eng.) **337**, 396. **352**, 922. **353**, 1069. **354**, 1220-21, 1225. **356**, 1523. **357**, 1673.
Norfolk (USS): See: Farenholt, A. **128**, 1279.
Norling, Robert: Low Tide at Hampton Roads (Rouse) (C&D) **802**, 113.
Norman, H.D.: Log of Flying-Fish **433**, 363.
Norman, Lloyd: Freedom of the Press or Treason? (Sanger) (C&D) **989**, 79.
Normand, M.J.A.: Size of battleships as a function of their speed. Tr. by P.R. Alger **121**, 125.
Normandie (Fr. battleship)
Description; illustration showing 4-gun turret **150**, 449.
Description; plans **146**, 840.
Description of Type **158**, 1278.
Normandie (SS) **346**, 1718. **349**, 438. **350**, 621. **351**, 777. **354**, 1229. **357**, 1680. **358**, 1836.
Norris, B.W., and T.R. Strobridge: "...Long Has it Waved on High." **859**, 40. **866**, 83.
Norris, W.B. **362**, 573. **470**, 557. **471**, 706. **495**, 576.
Ancient Mystery of Naval Construction **356**, 1441.
Guide to Naval History of World War **201**, 1889.
Leadership and Freedom **161**, 49.
Norsemen: Discovery of North America. J.H.L. Chambers, Jr. **599**, 65. **601**, 317.
North America, Discovery of. J.H.L. Chambers, Jr. **599**, 65. **601**, 317.
Northampton (USS) **321**, 985. **330**, 752. **344**, 1416.
See also: Cover Pictures--July 1960; September 1957; New Navy.
North Atlantic Gales, Tales of. F.M. Curran **510**, 1357.
North Altantic Treaty Organization (NATO)
See also: Alliances: The Ties That Bind.
Alliance Diplomacy in Limited War. G.F. Eliot **770**, 52. **776**, 102.
An Alliance initiative. G.W. Cox **861**, 44.
Allied Staffs. H.E. Eccles **606**, 859.
Amphibious Warfare Forces in Europe and the Soviet Union (ProfNote). G.R. Villar **897**, 112.
Atlantic Alliance, Problems and Prospects. S.S. Cordier **766**, 38.
A Baltic Squadron for NATO? E. Wegener **851**, 63. **856**, 99.
Brequet 1150 Atlantic Aircraft (ProfNote). J.L. Corret **784**, 131.
The Channel Command, Sea Highway to Europe (NavRev). J.M. Palmer **879**, 176.
Collective Security and the Defense of Shipping. B.B. Schofield **793**, 36. **798**, 115.
Credibility of the Deterrent and Its Implications for NATO. W.J. Dabros **749**, 26.
Defense of the Atlantic Community. S.L. Harrison **800**, 44.
Defense of Northwest Europe and the North Sea (NavRev). J.L. Moulton **819**, 80.
Expansion of MLF (Multi-Lateral Force) is Studied (Nbk) **740**, 151.
Four NATO Nations Plan Test Exercise Matchmaker (Nbk) **745**, 143.
High Price of Success. R.J. Hanks **782**, 26. **787**, 109. C&D: **792**, 109. **797**, 111.
Is NATO Expendable? R. Strausz-Hupé **655**, 923.
Mixed-Manning Demonstration (Pict) **749**, 87.
MLF: A German Point of View. F. Ruge

763, 42.
MLF: New NATO Sword? E.T. Kenny 732, 25. 737, 111.
MSTS Moves U.S. NATO Forces from France (ProfNote). L. Holt 776, 128.
NATO ASW Situation. D.D. Lewis 674, 55.
NATO ASW Unit Seen for Mediterranean (Nbk) 779, 148.
NATO Defense College. M.R.G. Wingfield 603, 491.
NATO Fleet Idea Picks Up Support (Nbk) 740, 151.
NATO--Keystone of Defense. W.F. Boone 674, 23.
NATO Maneuvers as Seen by the Communists (ProfNote). C.P. Lemieux 696, 144.
NATO's Northern Flank. D. Wettern 797, 52.
NATO's Southern Exposure. N. Locksley 717, 41.
NATO's Southern Region: Problems and Prospects. Means Johnston, Jr. 863, 47.
NATO Strategy and Flexible Response. C.H. Amme 771, 58.
NATO Summit Conference. H.H. Smith-Hutton 663, 85.
New Naval Region Formed by NATO (Nbk) 776, 144.
New Weapons with NATO Namesplates. G. Cornelius 708, 26.
Role of the NATO Navies in War. B.B. Schofield 698, 65.
SACLant's Deputy Believes NATO Fleet Too Expensive (Nbk) 734, 159.
Spain and the Defense of NATO (NavRev). R.A. Komorowski 879, 190.
Spanish Base Eyed for NATO Subs (Nbk) 733, 152.
The Specialized Character of NATO. J.L. McClane, Jr. 890, 18. 895, 90.
Time to Secure the Seas. F.B. Case 846, 24. 853, 101. 858, 96.
The Trouble with Alliances... T.H. Etzold 889, 46. 895, 90.
Understand the Hungry Ones. L.C. Fletcher 626, 419.
U.S. Bonn to Man Test Ship for NATO Navy (Nbk) 733, 152.
U.S. Spanish Base Rights Agreement and the Atlantic Alliance (C&D) 792, 102.
U.S. Suggesting NATO-Fleet Test (Nbk) 730, 154.
Why Sweden Is Not a NATO Member (ProfNote). C.P. Lemieux 697, 142.
Wright, J. 586, 1253.
North Carolina (U.S.)
See also: C.J. Harriss. Ark Versus the U.S. Fleet.
ACR-12: Launched; description 120, 1605.
BB-52: 277, 464.
BB-55: 410, 605. 416, 1475. 428, 1429. 464, 1515. 895, 69.
North Dakota (USS)
Coaling Record 142, 781.
Description 126, 725.
Launched; description 128, 1336.
Ships of the U.S. Navy (illus). R.W. Neeser 160, 1983.
Trials 132, 1298.
Northeastern Siberia: The Back Door to Russia. W.V. Kennedy 666, 67.
Northern Gulf (U.S.): See: Buoys Will Be Buoys.
Northern Pacific (SS): Runs aground; repairs to 198, 1434.
Northern Pacific (U.S.): See: J.C. Carrothers. The Twin Flyers.
Northern Sea Route 843, 94.
See also: Soviet logistics in the Arctic; Lenin and Soviet Grand Design for the Arctic.
The Icy "Nyet!" R.D. Wells 782, 73.
Russian Northern Route Not Used (Nbk) 782, 144.
Significance of the Northern Sea Route (C&D) 782, 98.
Soviet to Open Its Arctic Route (Nbk) 773, 153.
Strategic Significance of the Northern Sea Route. T.J. Laforest 778, 56.
North German Lloyd SS Co. 226, 1950. 227, 101. 230, 648. 289, 356.
North Island, U.S. Naval Air Station (Pict) 665, 94.
North Korea: The Foot of a Duck. D.L. Martin and A.D. Nastri 890, 24.
Northland (U.S.)
See also: Cover Pictures--February 1954.
Northland (U.S. CG) 413, 981.
North Point, battle of: Commodore John Rogers in War of 1812. C.O. Paullin 130, 512.
North Pole
See also: Polar Exploration.
Navigating Under North Pole Icecap. S.M. Jenks 670, 62.
Peary and the North Pole. D. Rawlins 808, 32. 814, 87.
Pearl and the North Pole: Not the Shadow of a Doubt. E.P. Stafford 826, 44.
North Sea (C&D) 779, 111. 801, 114. 803, 94.
Defense of Northwest Europe and the North Sea (NavRev). J.L. Moulton 819, 80.
Drilling Oil in Troubled Waters. D. Wettern 898, 40.
Langeraar, W. 767, 20. 771, 121, 122. 775, 114.
North Sea Hydrographic Commission (ProfNote). A.D. Clift 781, 133.
North Sea Incident of 1904. J.P. Campbell 853, 64.
North Star (HMS): Sunk 184, 1383.
Northwest Passage
Across the top. V.F. Keith 810, 60.
Arctic Passages of North America. R. Boyle 791, 48. 797, 110.
MacDonald, Scot 718, 48. 726, 107.
Northwind (U.S. CG) 547, 1121.
Norton, D.M.: Attack Carriers: The Human Equation (Schelin) (C&D) 870, 88.
Norton, M.T. (co-author): See: J.J. Clark.
Norton, P.F.: Jefferson's Plans for Mothballing the Frigates 641, 737.
Norton, R.J.: Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) 869, 75.
Norton, T.F. 698, 109. 700, 99. 679, 104.
Efficiency Report (anec) 688, 33.
Minefield, Ahoy! (anec) 657, 1177.
Nothing But the Best (anec) 852, 61.
Portrait of Fleet Admiral Ernest J. King (C&D) 799, 101.
Norville, Warren
Latitude by Observations at Lower Transit (ProfNote) 858, 111. 865, 77.
Merchant Marine Licenses: Tickets Worth Having (Hayler) (C&D) 835, 95.
Norway
Defense Strategy: Nordic Balance in the 1970s. A.L. Romaneski 846, 32.
Gold Payments Discontinued 345, 1587.
Greenland Dispute: See: Denmark.
Invasion of Norway. K. Assmann (Tr. by R.E. Krause) 590, 401. 599, 89. 605, 783. 613, 334.
Merchant Marine
Norwegian Merchant Marine Since 1945. L.C. Kendall 643, 975.
Norwegian Merchantmen (Pict) 643, 990.
Navy
As Brave As Any Men Can Be. B. Wilkinson 570, 839.
Dutch and Norwegian Navies. J.A. Gade 480, 193.
Norwegian Defense Problems: Role of the Navy. O.P. Araldsen 668, 38. 678, 105.
Norwegian Frigate Delivered (Nbk) 765, 178.
Norwegian Main Naval Base Dedicated (Nbk) 727, 147.
Norwegian Navy in Action. W.L. Robinson 484, 809.
Program, 1902: 101, 122. 1912: 144, 1660. 1914: 151, 860.
Rebuilding Norway's Navy. V.R. Carlson 755, 54.
Strength of Personnel, 1913: 114, 388.
Twenty-four Fathoms--Underground (ProfNote). D. Wettern 829, 121.
Vessels Building, 1913: 147, 1352. 1914: 149, 234. 150, 552. 151, 859. 1916: 161, 236.
Norway Defense Strengthened (Nbk) 801, 159.
Norway's Role in U.S. Defense. W.H. Hessler 689, 31.
Norwegian Armed Forces Reorganized (Nbk) 801, 159.
Norwegian Defense Problems: Role of the Navy. O.P. Araldsen 668, 38.
Norwegian Fjords Bugged? (Nbk) 857, 122.
Operation Archery. H.E. Horan 698, 70.
Oslo Viking Ship Hall. B. Livingston 448, 828.
Noss, T.K.: Sweating It Out On Net Tender (anec) 580, 637.
Notable Naval Books
See also: Bibliographies.
1959. (BkRev). R.M. Langdon 682, 110.
1967. R.A. Lambert 778, 115. C&D: 788, 106.
1968. R.A. Lambert 790, 114.
1969. R.A. Lambert 802, 125.
Notebook: Sample Grouping of Notes, 1919-1920: 848, 164.
Not Enough Good Men. R.H. Smith 771, 88. 776, 108.
Not for the Timid. G.H. Miller 675, 34.
Notoro (Jap) 345, 1574. 357, 1686.
Nottingham (HMS): Description 146, 851.
Nottingham, M.G., Jr.: U.S. Navy and Foreign Merchant Shipping (SecNotes) (C&D) 835, 86.
Nova Scotia: Fort Louisburg 347, 81.
Novgorod (Rus. monitor) 334, 1095.
Novik (Russ. cruiser): Description 101, 126.
Novik (Russ. destroyer)
Rejected After Trials 145, 389.
Second Trials 148, 1758.
Trials 144, 1662.
Noyes, B.: The Training-Ship Minnesota 11, 99.
Noyes, L. 362, 572.
NROTC
See also: Naval Reserve Officers Training Corps; Reserve Officers Training Corps.
New Course for NROTC. F. Bopp, III: 768, 80. 771, 127. 773, 107, 108. 775, 108. 777, 111.
Nubian (HMS): Description 131, 960.
Nuclear Age, American Responsibilities in. W.R. Kintner 637, 243.
Nuclear Arms Race: Elusive Goal of Nonproliferation. S.L. Harrison 794, 26.
Nuclear Energy
Development of Nuclear Propulsion in the Navy. C.O. Holmquist and R.S. Greenbaum 691, 65.
Nuclear Energy and Sea Power. G.P. Steele, II: 610, 1314.
Nuclear Engineering: Proposed: A Kra Canal. R.D. Duncan 736, 48.
Nuclear Era, Naval Leadership in. J.V.

Nuclear Era (Cont.)
Noel, Jr. **670**, 54.
Nuclear Frigates May Be Built (Nbk) **788**, 154.
Nuclear Navy, Replenishing the. M.H. Lytle **680**, 56.
Nuclear Plant: U.S. to Remove Nuclear Plant from Antarctica (Nbk) **866**, 79. **862**, 118. **866**, 79.
Nuclear Power
See also: Atomic Power.
Impact of, on Submarines. G.W. Kittredge **614**, 419. **617**, 807. **619**, 1045. **621**, 1271.
Navy May Revive Atomic Powered Surface Fleet Plan (Nbk) **741**, 145.
Navy Pushes Power Study (Nbk) **747**, 156.
Nuclear Generator SNAP-7E Aids Navigation (Nbk) **743**, 147.
Nuclear Power for Combatant Surface Ships **719**, 130. **725**, 108.
Nuclear Power and the Seaplane. C.T. Durgin, Jr. **635**, 18.
Nuclear Power for the Shore Establishment. H.E. Smith and A.B. Chilton **631**, 1012.
Nuclear-Powered Submarines, Future of. I.J. Galantin **664**, 23.
Nuclear Power Plants (C&D) **830**, 97.
Army's Floating Nuclear Power Plant (ProfNote). R.M. Bunker **774**, 135.
U.S. Authorizes Atom Ship Study (Nbk) **767**, 135.
Nuclear Weapons Debate. W.R. Van Cleave **759**, 26.
"Sancho! My Armor! My Sword." Scott Allen **896**, 18.
Nuclear Propulsion
A-Propulsion's Growth (Nbk) **734**, 152.
Another Look at Nuclear Power? (C&D). E.P. Aurand **744**, 112.
Merchant Ship Reactor Offered (Nbk) **739**, 160.
Nuclear Warships and the Navy's Future. H.G. Rickover **863**, 18. **866**, 78.
Nuclear Reactors
British Merchant Ship Reactor (Nbk) **748**, 166.
Orbited Reactor Performs Well (Nbk) **748**, 171.
Nuclear Ships
See also: Savannah.
Atomic Merchant Fleet Revived (Nbk) **757**, 158.
Atom Ship Report Held "Bottled Up" (Nbk) **776**, 150.
CNO D.L. McDonald Asks for Atomic Navy (Nbk) **762**, 152.
England: First U.K. Nuclear Support Ship (Nbk) **722**, 165.
4th Atom Ship Begun for Navy (Nbk) **728**, 162.
Germany
Atom Ship Ordered by West Germans (Nbk) **725**, 158.
German Nuclear Ship Work to Begin Soon (Nbk) **721**, 146.
Germans...to Build Atom-Powered Freighter (Nbk) **730**, 162.
Japan: Tokyo...to Build Atom Ship (Nbk) **730**, 162.
Nuclear Merchant Fleet Bill Backed (Nbk) **786**, 153.
Nuclear-Powered Freighters (Nbk) **725**, 152.
Nuclear Propulsion: We Dare Not Delay. M.L. Hayes **743**, 26.
Nuclear Ship's Power Doubled, Vance Reveals (Nbk) **739**, 162.
Nuclear Ship Started, Japan's First (Nbk) **792**, 156.
Nuclear Ship Traffic in World Seaports. W.R. Wendt **707**, 43.
Plan for Composite Nuclear Ship (Nbk) **776**, 151.
Rickover Makes Plea for Nuclear Ships (Nbk) **774**, 147.
Russia Plans Two New Atom Ships (Nbk) **744**, 160.
Ships of '73 (C&D). C.R. Oberg **732**, 111.
Waterman Company Plans 12 Nuclear Ships (Nbk) **774**, 152.
Nuclear Technology
Nuclear Power Training (ProfNote). T.H. Taylor **725**, 130.
Radionuclide Power for the Navy. F.H. Featherston **680**, 72. **689**, 99.
Nuclear Warfare
Case Against Pre-Emptive Attack. W.G. Corliss **701**, 31. **706**, 102, 103.
Conditional Surrender or Unlimited Destruction. C.H. Amme, Jr. **640**, 585.
Doctrinal Gap. G.C. Reinhardt **762**, 61.
Mobile Sea Base Systems in Nuclear Warfare. J.H. Smith, Jr. **624**, 131.
Nuclear Weapons Research: Shock Tube's First Test Shocks Navy (Nbk) **771**, 154.
Potential of Our Nuclear Age Navy (ProfNote). H.D. Felt **659**, 110.
Psychological Effects of Nuclear Weapons. C.H. Amme, Jr. **686**, 27.
Nulton, L.M.
Address to 1928 Graduates **305**, 634.
Study of Relative Movement of Ships **287**, 35.
Numerical Designation System: Numerical Task Organization (C&D). T.H. Suddath **777**, 104.
Nunnally, W.J., Jr.: Origin of Naval Law **261**, 1847.
Nuremberg in Perspective (C&D) **841**, 104. **846**, 98.
Nuremberg Trials: See: Germany.
Nurnberg (SMS) **202**, 2071.
The Nurnburg at Fanning Island **157**, 1022.
Nuton, Louis M.
Graphic representation of the relation of pressures and shrinkages of built-up guns for the states of action and rest **119**, 971.
Life Insurance **144**, 1253.
Notes on...gyroscopic compass, particularly the Sperry gyroscopic compass (illus) **159**, 1579.
On Training Landsmen **103**, 615.
Principles of the deviation of the compass and its correction **118**, 523.
Nutting, D.C.: Naval organization from industrial point of view **282**, 1519. **285**, 2293. **289**, 332.
Nutting, W.W.: The Submarine Situation **173**, 1627.
Nye, E.W.: Bill Nye Sees Navy **386**, 489.
"Nyet!", The Icy. R.D. Wells **782**, 73.
Nygren, H.D.
Death of a Profession? **833**, 38.
Fostering Dissent **889**, 54. **896**, 65.
Nyland, F.C. **350**, 591.
Heraldry and Our International Signal Flags **403**, 1261. **410**, 555.
Nymphe (Br.) **408**, 195.
Nyquist, W. **401**, 1031.

O

O-2 (Jap): Last of U-Boat Raiders. C.G. Rucker **441**, 1567.
O-5 (U.S.) **356**, 1531.
O-5 Is Down! J. Grigore, Jr. **828**, 54. **837**, 94. **838**, 88.
Oahu (U.S.) **354**, 1219.
Oates, L.E.G. **555**, 590.
O'Bannon, P.N. **361**, 347, 411. **366**, 1192. **458**, 497. **467**, 74.
Obedin, H.E.: ARAPAHO--Emergency Helo Cover for Merchantmen (Mulquin) (C&D) **853**, 103.
O'Beirne, K.P.: Waiting Wives **883**, 28. **887**, 80, 81. **888**, 81.
Obelisk Expedition: See: "Cleopatra's Needle".
Ober, W.U. (co-author): See: P.S. Burtness.
Oberg, C.R.
Bainbridge Is Not the Answer **739**, 117.
Role of the Maintenance Support Office (ProfNote) **795**, 142.
Ships of '73 (C&D) **732**, 111.
What Price Sea Power? (C&D) **767**, 99.
Obermeyer, J.A. **686**, 121.
Attack Transport, Paul Revere (NewNav) **681**, 150.
Oberon (HMS) **299**, 54.
Obituary of Herman G. Dresel. C.H. Harlow **87**, 563.
Oblivion? "The One Best Way" to. R.A. Beaumont **790**, 37. **803**, 98.
Obregon, A.: Assassination **307**, 808.
O'Brien, J.L.
FADAP (C&D) **768**, 117.
Military Policy-Makers and the All-Volunteer Force (C&D) **844**, 87.
O'Brien, Captain Jeremiah and the Machias Liberty (OldNav). M.D. Giambattista **804**, 85.
O'Brien, J.E.: Pictorial--A Destroyer Named Smith (Sumrall) (C&D) **837**, 87.
O'Brien, Philip **705**, 111.
Kashin-Class Missile Frigates (C&D) **751**, 116.
Six-Day War of 1967 (C&D) **787**, 113.
O'Brien, T.J.: Navy's Part in Modern Aerological Developments **385**, 385.
Obry Device for Torpedoes. J.H. Sypher **84**, 655.
Observation for Position: See: Altitude and Azimuth; Navigation.
Observation Island (U.S.): Polaris Test Ship (Pict). G.M. Boyd **714**, 93.
Observer (HMS) **338**, 429.
Obsolescence, Problems of. D.D. Lewis **680**, 27.
Obturators: See: Breech mechanism.
O'Byrne, E.C.: Gibraltar: Monument to Seapower (Weller) (C&D) **828**, 106.
Ocean Bases, Executive Warns of (Nbk) **786**, 160.
Ocean Engineering
Contact 261. L.B. Melson **772**, 26.
Palomares--Exercise in Ocean Engineering (ProfNote). W.F. Searle, Jr. **772**, 128. C&D: **781**, 114.
Ocean Floor, U.N. May Control **779**, 152.
Oceanic (SS) **321**, 994.
Oceanic Doctrine, An American. Robert McClintock **804**, 46.
Oceanic Education Is Needed for Our School Systems (C&D) **858**, 82. **862**, 82.
Oceanic Strategy, Case for. G.E. Lowe **784**, 26. **788**, 110.
Ocean Lanes **20**, 285.
J. Codman. Discussion **22**, 675.
Ocean Mining (ProfNote). M.G. Krutein **795**, 135.
Oceanographic Devices
Hitting Home with a Boomerang (ProfNote). D. Groves **752**, 139.
Oceanographic Devices Probe Ocean Bottom (Nbk) **792**, 158.
Oceanographic Research
AUTEC and Inner Space (ProfNote). L.L. Jackson, Jr. **787**, 138.
Brazil's New Oceanographic Ship, Almirante Saldanha **738**, 166.
Challenge of the Challenger. E.H. Shenton **786**, 74.
Challenger to Challenge to Chance? (ProfNote). D. Groves **733**, 134.
Deeper Into the Atlantic--Bathyscaph Archimede (Nbk) **737**, 151.
Department of Interior Studies Nuclear Submarines (Nbk) **751**, 152.
Depths of Ignorance. C.N.G. Hendrix **783**, 32. **787**, 110.
Dragging As Before. C.E. Giese, Jr. **772**, 81.

ESSA Surveys Undersea Mountain (Nbk) **778**, 152.
Japanese Research Ship (Nbk) **731**, 142.
Joint Ocean Study Program Formed (Nbk) **786**, 158.
Mohole Planners Pick Site (Nbk) **748**, 170.
New Institute of Ocean Engineering for Sea Study (Nbk) **774**, 154.
Oceanographers at Sea (Pict). E.J. Long **734**, 90.
Red Chinese Research Ship (Nbk) **760**, 167.
Research Submarine Alvin (ProfNote). E.S. Allen **734**, 138.
Russia
The Lomonosov (ProfNote). J.W. Giles **737**, 132.
Soviets Accelerate Undersea Studies (Nbk) **786**, 156.
Scientists Detect Undersea Waves (Nbk) **739**, 161.
Sealab I. D. Groves **744**, 64.
Submarine to Study Ocean Shelf (Nbk) **777**, 156.
Trieste--First Ten Years. G.W. Martin **738**, 52.
U.S. Ship Maps Soviet Arctic (Nbk) **753**, 158.
Way to Live Under the Sea (Nbk) **742**, 153.
Oceanographic Ship
Eltanin, Floating Laboratory (ProfNote). E.J. Long **722**, 152.
ESSA Adds Two Ships to Survey Fleet (Nbk) **766**, 142.
New Oceanographic Research Vessels (Nbk) **790**, 152.
Oceanographer (Nbk) **720**, 162.
Research Catamaran (T-AGOR-16) (ProfNote). J.C. Froid **790**, 132. C&D: **795**, 110. **799**, 104.
Research Ship Oceanographer Readied (Nbk) **755**, 155.
Russia
New Research Ship--Russian Baikal (Nbk) **738**, 166.
Soviet Deep-Water Vehicles (ProfNote). B.M. Kassell **754**, 152.
Sandy Hook Research Vessel Dolphin (Nbk) **739**, 162.
Shipbuilding Concern in Oceanographic Venture--Newport News SB&DD Prospector (Nbk) **738**, 166.
USNS Silas Bent (T-AGS-26) (NewNav). Robert Niblock **757**, 166.
Special Ship for Oceanic Study--Duke University's Eastward **738**, 166.
Woods Hole Atlantis (Nbk) **725**, 162.
Oceanography
See: Hydrography Sounding Tides.
Anchoring Ships on High Seas. H.R. Seiwell **454**, 1733.
Arctic Drift Stations. J. Cadwalader **722**, 67.
Arctic Oceanography by Submarines. E.C. LaFond **691**, 90.
ASWEPS Instrumentation (Nbk) **726**, 136.
Atlantis, Survey of. G.T. Rude **450**, 1105.
"Bank." F. Luckel **360**, 204.
"Bathygram-Bathymeter." T.H. Whitcroft **500**, 1263.
Bathymetric Navigation. P.M. Cohen **740**, 66.
Bay of Fundy Tides. H. Leypoldt **423**, 693.
Canadian Hydrographic Service (ProfNote). R.G. Eldridge **718**, 130.
Canyons of Georges. T.N. Kelley **464**, 1423.
Charting the Seas (Pict) **634**, 1368.
Charting War: Sea and Cartography in Relation to Southwest Pacific. G.C. Ingleton **519**, 697.
Chinese Mariners' Compass, Charts, and Methods of Navigation. F.H. Wells **373**, 359.
Coast and Geodetic Survey Looks Ahead. E.G. Roberts **669**, 83.
Coast Survey, Beginning of. R. West **387**, 665.
College Classroom Planned Undersea (Nbk) **757**, 159.
Countercurrents of South Caribbean. R.L. Bence **480**, 227.
Creatures of the Deep. W.J. Cromie **755**, 76.
Currents
Ocean Current Riding (ProfNote). T. Umsted **755**, 147. **761**, 123.
New Method for Current Observations. G.T. Rude **481**, 369.
Day the Bay Ran Over. E. Roberts **687**, 62.
Decade of Oceanography. J.R. Morgan **717**, 60.
Deep Ocean Currents (ProfNote). J.B. Mooney, Jr. **723**, 152.
Dragging As Before. C.E. Giese, Jr. **772**, 81.
Earthquakes and Navy. N.H. Heck **420**, 205.
Earth's Rotational Force and Navigation. G.T. Rude **359**, 66.
Exploring the Skagerrak Bottom (Nbk) **727**, 151.
Fleet Survey Ship. W.M. Gibson **606**, 869. **610**, 1366. **613**, 336. **615**, 575.
Flying Oceanographers (Nbk) **751**, 150.
Flying Oceanographic Research Lab (Nbk) **722**, 157.
Greater Oceanographic Effort (Nbk) **758**, 182.
Gulf Stream
Charting Greatest River in World. F.G.W. Smith and H. Chapin **595**, 973.
Good Gulf. F.J. Nelson **471**, 622.
New Techniques in Gulf Stream Navigation. W.R. Griswold **570**, 897.
Hands Beneath the Sea (ProfNote). W.H. Hunley and R.A. Jones **796**, 126.
Heartbeat of the Sea (ProfNote). C.E. Giese **777**, 128.
History: U.S. Naval Oceanography...a look back. V.T. Miscoski **780**, 46.
Humphrey Opens Undersea Test Center (Nbk) **772**, 140.
Hydro at 125. J.B. Cochran **634**, 1361.
"Hydro" Charts War. R.O. Glover **527**, 27.
International Indian Ocean Expedition. E.J. Long **711**, 60.
Kuroshio or Japan Current. H.A. Marmer **416**, 1426.
Long-Range Weather Prediction. C.O. Holmquist **849**, 45.
Los Angeles Harbor and Vicinity, Currents in. H. Leypoldt **435**, 685. **440**, 1481.
Los Jardines (E.D.). G.S. Bryan **446**, 520. **448**, 867.
Mapping Ocean Floor. G.T. Rude **374**, 509.
Military Biological Oceanography. W.V. Kielhorn **583**, 947.
Mohole Updated. E.J. Long **715**, 49.
National Oceanographic Data Center (ProfNote). E.J. Long **709**, 137.
Naval Research Goes Deeper (ProfNote). C.M. Hatcher **674**, 121.
Navy Oceanography (Nbk) **761**, 154.
Navy's Oceanographic Survey Vessels. T.S. Austin **578**, 387.
NEL Oceanographic Tower (ProfNote). E.C. LaFond **681**, 146.
New Age of the Sea. P.B. Yeager **700**, 38.
New Data Sought on Sea Currents (Nbk) **729**, 156.
New Record Ocean Depth (Nbk) **725**, 164.
New Track to Orient. A.O. Lustie **393**, 1607.
Oceanographers at Sea (Pict). E.J. Long **734**, 90.
Oceanographers Study Swells from Antarctic (Nbk) **728**, 169.
Oceanographic Platforms and Measurements (ProfNote). F.E. Elliott **730**, 145.
Oceanographic Predictions Through ASWEPS (ProfNote). R.J. Alexander **708**, 145.
Oceanography and Future Naval Warfare. R.J. Alexander **724**, 66.
Oceanography and Naval Warfare. C. Bishop **675**, 75.
Oceanography and Navy. C.C. Slayton **371**, 33, 99.
Oceanography and the U.S. Merchant Marine. H.B. Stewart, Jr. **800**, 68.
Oceanography by 1970--the Fallibility of Forecasts (C&D) **829**, 109.
Oceanography From Space Satellite (Nbk) **773**, 151.
Oceanography: Maury to Mohole (Pict). P.E. Coletta **686**, 98.
Oceanography: The Need and the Promise. E.S. Allen **695**, 77.
Oceanography--Old Science, New Future. J.R. Morgan **702**, 40.
Oceanography Resurgence in West Germany (Nbk) **723**, 164.
Oceanography's Future. A. Spilhaus **729**, 25.
Oceanography Takes National Focus (Nbk) **779**, 144.
On Soundings. K.T. Adams **438**, 1121.
Origins: First American Oceanographer. W.J. Cromie **734**, 56.
Pathfinder of Seas. J.F. Hellweg **359**, 93.
Peru Current. H.A. Marmer **433**, 358.
Phenomenon, Unexplained, of Sea. J.R. Bodler **587**, 66.
Red Sea Brine Holes (ProfNote). C.D. Densmore **780**, 132.
Remote Sensing in Oceanography (ProfNote). B.E. Olson **809**, 124.
San Francisco Bay Tides. H. Leypoldt **439**, 1270.
Scripps Institution of Oceanography (ProfNote). R.S. Arthur **714**, 137.
Sea Bottom Cores **730**, 123.
Sea Grant College Program (ProfNote). C. Pell and F. Green **775**, 143.
Sealab II (Pict). T.N. Blockwick **760**, 100.
Sea Power and the Sea Bed. J.P. Craven **758**, 36.
Searching for the Thresher. F.A. Andrews **735**, 68.
Seiche of Great Lakes. E.W. Wunch, Jr. **397**, 367.
Seiches, California, and Philippine Typhoons. H. Leypoldt **412**, 775.
Seismology and Navy. R.H. Knight **378**, 1110, 1137.
Sonic Sounding as Developed by U.S. Navy. T.H. Whitcroft **480**, 216.
Soviet Man in the Sea (C&D) **797**, 113.
Soviet Oceanography. B.M. Kassell **725**, 59.
Soviet Oceanography Today. T.K. Treadwell, Jr. **747**, 26.
Space Oceanography, the Logical Paradox. D. Walsh **792**, 42.
Storms Forecast by Ocean Waves. A.W. Haslett **600**, 181.
Surveying the Eurasian Arctic. R.D. Wells **764**, 79.
Survey of Oceanographic Instrumentation (Tab) **733**, 137.
Swedish "vacuum lead" device **464**, 1515.
Tektite 2 Set For January 1970 (Nbk) **800**, 160.
Tidal Prediction, Empirical Method of. J.H.S. Billmyer **393**, 1609.
Tide at Annapolis, H.A. Marmer **491**, 35.

Oceanography (Cont.)
Tide at Pensacola. H.A. Marmer **476**, 1427.
Tide in Philippine Waters. H.A. Marmer **507**, 543.
Tides, Prediction of. P.C. Whitney **454**, 1720.
Tsunamis, Strangest Waves on the Sea. E.B. Roberts **657**, 1201.
Underwater Sound
Dolphins and Sonar (ProfNote). M.R. Bonsignore **736**, 147.
'Spar' Vessel Gets CO, But No Crew (Nbk) **740**, 132.
Undeveloped Ocean Areas Outlined (Nbk) **777**, 156.
U.S. Oceanographic Fleet. J.R. Morgan **725**, 48. **729**, 103.
U.S. Undersea Research Expansion Given Push (Nbk) **728**, 170.
Variety in Tides. H.A. Marmer **373**, 373.
Waves, Action of Ocean. F.H. Browning **514**, 1475.
Waves, Great Sea. R.P. Whitemarsh **378**, 1097.
What's Going on Down There? W.H. Kumm **842**, 37. **846**, 91.
Who Will Own the Ocean's Wealth? W.J. Cromie **743**, 52. **748**, 120.
Ocean Radar Station Ship: See: New Navy, Page from.
Ocean Resources: Freedom of the High Seas: An Impossibility? (ProfNote). M.W. Janis **853**, 112.
Ocean Sciences: Power in the Sea. S. Naymark **779**, 18.
Ocean Space: American Oceanic Doctrine. R. McClintock **804**, 46.
Ocean Station Vessel: OSVs: End of an Era (ProfNote). N.F. O'Connor **849**, 110. **852**, 89.
Ocean Surveillance, New Weapon of Naval Warfare. F.B. Murphy **816**, 38.
Oceans, Use of
Navies in War and in Peace (Part 1). S.G. Gorshkov **851**, 18. **854**, 98. **856**, 94, 96, 97, 98. **859**, 87.
Towards a Rational Use of the Oceans. R.H. Charlier and M. Vigneaux **854**, 26. **859**, 98, 99.
Oceans, Who Owns the? R.C. Knott **841**, 65.
Ocean Temperatures and Weather: Long-Range Weather Prediction. C.O. Holmquist **849**, 45.
Ocean Weather Station Hotel: A Stormy Address (ProfNote). M.R. Adams **866**, 100.
O'Connell, D.P.: The Influence of Modern International Law on Naval and Civil Operations at Sea (NavRev) **891**, 156.
O'Connell, J.A.: Radar and U-Boat **727**, 53.
O'Connor, N.F.: OSVs: End of an Era (ProfNote) **849**, 110. **852**, 89.
O'Connor, R.G. (BkRev) **791**, 112. **798**, 106. **805**, 90.
O'Connor, T.V. **292**, 690.
New American Merchant Marine **332**, 917.
Ocracoke, North Carolina: Origin **360**, 204.
Octane Number: See: Fuel.
Octant, Bubble
Locating Surface Ships with Bubble Octant. E.B. Collins **450**, 1138.
Surface Navigation with Bubble Octant. J.M. Sheehan **391**, 1228. **396**, 252.
Octopus (USS): Description **124**, 1526.
Oculi: See: A.E. Wills. No Eyes--No See!
Odd Ones, The (Pict) **811**, 71. **820**, 91. **822**, 96. **828**, 105.
Oden, T.E.: We Are Here as on a Movie Screen (anec) **733**, 55.
Odenwald (Ger. SS) **403**, 1266.
Odenwald (Ger. MS) **535**, 1159.
Odenwald Incident. E.F. Oliver **638**, 379.
Odessa, The Port of. **183**, 1155.
Odin (HMS): Trials **103**, 643.
O'Donnell, E.J. **724**, 122.
O'Donnell, E.U. **664**, 106.
Can You See Mine? (anec) **559**, 987.
Hit the Deck **655**, 987.
Industrial Security: Challenge **607**, 990.
Seeing and Hearing Things (anec) **539**, 80.
We Improvised (anec) **559**, 994.
O'Donnell, M.J.: Waiting Wives (O'Beirne) (C&D) **887**, 80.
O'Donnell, W.F.: Seeing Is Believing (anec) **652**, 597.
O'Donovan, J.R. **683**, 112.
Odyssey, Translation from **336**, 281.
Oelheim, B.C. **699**, 123.
Oesel Expedition, German **370**, 1720.
Oestreich, E.C.
Papal Navy (C&D) **733**, 115.
Strategic Analysis of the Eastern Mediterranean and the Black Sea (Margaritis) (C&D) **847**, 95.
Oetting, Russell: Soviet Union's Far-Flung Nets **813**, 48. **824**, 97.
Offensive Warfare: Twentieth Century Penchant for the Offensive. R.L. Bowers **775**, 58.
Office of Naval Intelligence, Naval Institute and the First Hundred Years Are (C&D) **853**, 93.
Office of Naval Operations: "Captain Fox--He Is the Navy Department". J.D. Hayes **751**, 64. **758**, 134.
Office of Naval Research: Operation Green Turtle. W.J. Cromie **766**, 58.
Officer and Gentlemen. H.E. Dow. **238**, 2071.
Officer Candidate School
Newport/Quonset Point Naval Complex (Pict) **803**, 76.
U.S. Naval OCS (Pict) **733**, 88.
Officer of the Deck
Aid to the O.O.D. W.J. Russell **360**, 191.
Changing Role of (ProfNote). N. Brown **835**, 112.
Qualification Program for Navy Standard Officer of the Deck (ProfNote). F.H. McDavitt **839**, 112.
Officer Executives: Men in the Middle. J.M. Purtell **798**, 61. **802**, 107. **803**, 104, 105. **804**, 99. **805**, 95.
Officer Personnel
See also: Personnel.
The Black Shoe: Back in Fashion. P.M. Shepherd **862**, 38. **866**, 77.
Education and Training of Naval Officers: An Investment in the Future (NavRev). W.L. Maloy **867**, 134. **872**, 90.
N.F.O.--No Longer U.F.O. P.J. Finneran, Jr. **862**, 26.
Naval Medical Officer as a Naval War College Student (C&D) **845**, 90.
Officer Personnel Act of 1947: 1947--A Very Good Year. D.L. Martineau **895**, 25.
Too Many Senior Officers; Not Enough for Them to Do (C&D) **858**, 79. **861**, 104. **862**, 89.
Yankee Paymaster. R.J. Plumb **896**, 50.
Officer Procurement: The Corps' Old School Tie. J.E. Greenwood **873**, 46.
Officers
Blue and Gold Officer--His Naval Academy Commitment (ProfNote). R. Lindsay **805**, 113.
Career Development for the Naval Flight Officer. S.F. Loftus **783**, 57. **786**, 110. **788**, 103, 104, 105.
Credible Incentive. W.A. Golden **737**, 75. **740**, 92, 94, 97. **742**, 107, 110, 111.
Defense to Assign Flag Job (Nbk) **765**, 160.
Don't Forget the Junior Officer (ProfNote). D. Walsh **739**, 142.
EDOs: the Dwindling Muster. C.R. Peck **754**, 46. **757**, 113. **761**, 117, 119.
Flag and General Officers of the Naval Services (NavRev) **819**, 299.
Give of Yourself, Captain. H. Bucknell **736**, 66.
Interned Officers: See: Prisoners of War.
Line Officers
The 1100: He Flies Not; Neither Does He Sink. A.G. Nelson **829**, 44. **836**, 88, 91, 92.
The 1100 Officer: Endangered Species. W.D. Toole, Jr. **841**, 51.
Surface Line Officer: Some Conn, Some Can't. D.R. Larson **833**, 42.
Unrestricted Line PhD: An Assessment (ProfNote). N.E. Hoehler, III: **852**, 108. **856**, 93. **857**, 91.
Meaning of Service. J.T. Howe **743**, 76. **747**, 115, 116.
Naval Medical Officer, Worst of Both Worlds. F.E. Dully, Jr. **803**, 60. **808**, 101, 102, 103. **809**, 97, 98, 99. **810**, 100. **813**, 86. **815**, 85.
Navy Seeks Officers for Postgraduate Study **762**, 153.
Not Enough Good Men. R.H. Smith **771**, 88. **776**, 108.
Officer Appraisal in the Armed Forces. H.L. Jones, J.L. Keating, and G. Postich **746**, 76. **750**, 114, 115, 116, 117. **754**, 111, 112, 113.
Officer Personnel Management (C&D). K.J. Simmons **758**, 138. **763**, 125.
Officers of Deck, Training, Carrier Style. P.D. Stroop **598**, 1297.
Officer Specialization
Distribution of the Line Officer. R.J. Badger **720**, 79.
Modern Navy for Modern Defense. E.K. Lofton **693**, 56. **697**, 111, 112. **698**, 102.
Naval Officers and the Sub-Specialty (C&D) **845**, 95.
Reappraisal Is Not So Agonizing **697**, 111, 112.
Officers Submarine School (ProfNote). G.E. Synhorst **778**, 140.
Officer Training and Procurement: Officers for the 1980s: A Challenge for NROTC. M.E. Soper **864**, 40. **869**, 73, 74, 75, 76.
Reserve Officers and Promotion. G.D. Saunders **784**, 67. **788**, 111. **789**, 109.
Surface Officers
Black-Shoe in a Brown-Shoe World. A.G. Nelson **809**, 57. **813**, 89. **814**, 83.
Surface Warfare Officers: The Need for Professionalism. R.J. Hart **880**, 38. **884**, 91. **885**, 74, 75, 76. **895**, 92.
The Uncertain Image. R. Hargreaves **768**, 72. **773**, 111.
Unrestricted Line: Blueprint to Professionalism (C&D) **844**, 91.
Offley, A.N.: Modern Fog Navigation **313**, 200.
Off-shore Gull. E.B. Underwood **246**, 1317.
Offshore Oil Terminals May Be Backed by Nixon Administration (Nbk) **841**, 124.
Offshore Tanker Terminal Gets Administration Push (Nbk) **836**, 118.
Offutt, T.C.: Too Many Senior Officers, Not Enough For Them to Do (Cornelius) (C&D) **861**, 104.
Ofstie, R.A.: Strategic Air Warfare **580**, 591.
Ogata, Gessan (artist): Commodore Perry landing in Japan--November 1966 Cover.
Ogilvie, G.F.: Remember the Rochester

(OldNav) **815**, 68.
Ogintz, S.M.: Junior Officer Retention, A Lot Of Little Things (Harris) (C&D) **827**, 90.
Oglala (U.S.): Ship That Sank From Fright (OldNav). M. Featherman **838**, 84. **845**, 97. **847**, 88.
Oglesby, J.E. **668**, 103.
First Landing at the Pole **657**, 1188.
Give Them a Goal, Not Gold Braid **647**, 9.
Grumman A2F-1 Intruder (NewNav) **699**, 178.
Joint author: See: Harold Andrews; G.J. Dufek.
Logistics Employment of Airships (Prof-Note) **679**, 130.
Phantom of the Carrier Fleet (NewNav) **695**, 156.
O'Handley, J.A.: Friend or Foe? (anec) **601**, 265.
O'Hara, M.J.: The Challenge of Moral Leadership (Leadership Forum) **894**, 58.
O'Hearn, M.S.: The CV: A Survivable Concept? (Borges) (C&D) **894**, 65.
O'Higgins, K.: Assassination **295**, 1023.
Ohio (U.S.) **428**, 1428.
Figurehead **411**, 764.
Ohio River Flood: See: Floods.
Ohlert, E.J.
A Holocaust for Happy Valley? (Young) (C&D) **889**, 75.
Is Military Unionism an Idea Whose Time Has Come? (Kane et al.) (C&D) **889**, 75.
Ohmae, Toshikazu
and Roger Pineau: Japanese Naval Aviation **838**, 68. **847**, 95.
Battle of Savo Island **658**, 1263.
Japanese Commentary on Guadalcanal **575**, 57.
Translator: See: Koyanagi, T.
Ohman, C.D.: Combat Photography **500**, 1259.
Oh, Santee (Song) **146**, 771.
Oi, A.: Why Japan's Anti-Submarine Warfare Failed **592**, 587.
Oil
See also: Engines, Fuel; Lubrication.
Agreements **230**, 682. **314**, 355.
Alaska **254**, 652.
Alien Ownership **216**, 294.
Atomic Warfare, Potentialities of, Against U.S. Petroleum Industry. R.C. Wing **559**, 983.
Armed Services in Relation to National Oil Policy. W.G. Greeman **519**, 643.
Burners **233**, 1243. **244**, 1035. **269**, 1278. **308**, 913.
The Case for Foreign Military Sales in American Persian Gulf Strategy. W.C. Remick **887**, 18. **890**, 84.
Continental Shelf, International Law Aspects of Acquisition of, by United States. B.H. Brittin **550**, 1541.
Dutch, Lubricant and Irritant **221**, 1136.
Eliminating Bottlenecks in National Defense. B.O. Lisle **460**, 802.
Engines and Fuel Supply **281**, 1435. **282**, 1641.
Fire Extinguisher **201**, 1927.
Fuel Oils: Origin, Production, Treatment. D.T. Day **149**, 79.
How Much Oil? E.J. McNulty **588**, 137.
International Petroleum Situation. J.H. Skillman **337**, 299.
Iran, Troubled Oil and. E.M. Eller **621**, 1189.
Measurement of Fuel Oil. S.H. Gambrill **285**, 2286. **303**, 396.
Mexican Companies, Data **290**, 493.
Middle East Oil: Subsurface Weapon. W.F. Cass **839**, 18. **856**, 90.
Mining **204**, 291. **209**, 1151.
Mosul Issue **274**, 2360.
Naval Oil Reserve: See: Teapot Dome Oil Reserve.
Naval Petroleum Reserves in California. T.J. Kelly **369**, 1561.
Navy's Future Fuel Problem. J.E. Hamilton **368**, 1400. **372**, 249.
Newland **327**, 442.
North Sea: Drilling Oil in Troubled Waters. D. Wettern **898**, 40.
Oil Additive Is Tested for New Boiler Fuel (Nbk) **805**, 129.
Oil and the New Japan. J.Z. Reday **671**, 61.
Oil Carriers, Zumwalt Sees Navy As Protector of (Nbk) **832**, 125.
Oil-Carrying Submarine Study Planned by Canada (Nbk) **805**, 125.
Oil Diplomacy: Politics of Oil in the Wake of Yom Kippur. W.L. Dowdy, III: **857**, 23.
Oil-Eating Bacteria, Florida Scientists Develop (Nbk) **816**, 108.
Oil Engines Will Have Plenty of Fuel. J.O. Lewis **281**, 1435.
Oil Firms to Try Arctic Route (Nbk) **792**, 155.
Oil for Subduing Violence of Broken Water. G.W. Littlehales **49**, 353.
Oil for Troubled Waters. H. Key, Jr. **451**, 1253, 1317. **453**, 1628.
Oil for World's Navies. H.A. Stuart **461**, 935.
Oil Import Shipping Policy Shift Predicted (Nbk) **841**, 125.
Oil Imports, Japanese: Indonesia's Archipelago Doctrine and Japan's Jugular. R.A. Miller **836**, 26. C&D: **847**, 94.
Oil Industry, North Sea Challenging to (Nbk) **810**, 130.
Oil in Far East. L.E. Nantz **280**, 1258.
Oil Is Everybody's Problem. B.B. Biggs **591**, 503.
Oil Lines: Operation Pluto. R.J. Moore **616**, 647.
Oil Reserves, Navy Assails Move to Open (Nbk) **803**, 139.
Oil Shortage Poses Many Problems for Merchant Ships (Nbk) **853**, 121.
Oil to Burn? P.P. Blackburn, Jr. **550**, 1487.
Oil War. A. Mohr **291**, 612.
Oil Waste, Coast Guard Device Can Spot Ship's (Nbk) **808**, 134.
Petroleum and National Defense. H.P. Jones **272**, 1838.
Petroleum Exploration in Arctic Alaska. W.G. Greenman **567**, 527.
Petroleum Goes to War. G.D. Kerwin **509**, 811.
Petroleum Imports and National Security. T.S. Wyman **895**, 32.
Petroleum Problems of World War. P. Foley **261**, 1802.
Pipe Line Politics. L.A. Marsden **542**, 429.
Pollution
Carelessness or Crime? A.R. Butler **838**, 51. **842**, 83. **844**, 95. **847**, 87.
Enforcement of the 1973 Marine Pollution Convention. D.H. Williams **886**, 39.
Navy Studies Biological Means of Oil Pollution Control (Nbk) **808**, 134.
Oil and the Beneficial Uses of Water (ProfNote). D.H. Fluharty **857**, 112.
Oil Pollution, No Solution? T.A. Clingan, Jr. **795**, 63. **799**, 121.
Oil Pollution Recommendations, UN General Assembly Offers (Nbk) **804**, 129.
Pleasure Boats and Oil Spills (C&D) **854**, 103.
U.S. Urging Treaty to End Flushing of Tankers at Sea (Nbk) **816**, 108.
VLCC Aground: Everybody's Problem (ProfNote). J.A. Atkinson **877**, 95.
Production and Consumption in U.S. **265**, 491.
Properties of oils and their relation to lubrication. G.B. Upton **186**, 1884.
Reserves, Naval Oil, Josephus Daniels and. J.L. Bates **600**, 171.
Reserves, Naval Petroleum, Case for. M.V. Carson, Jr. **601**, 267.
Royalties on Lands **207**, 776.
Sakhalm Fields **257**, 1155. **259**, 1538.
Selecting Oils for Navy Use. J.G. O'Neill **272**, 2004.
Separators **227**, 138. **242**, 697. **300**, 147.
New Oil Separating Apparatus **187**, 2148.
Soviet Device Allows Multi-pumping of Oil (Nbk) **814**, 105.
Spills
Damage Is Lasting in Ocean Oil Spills (Nbk) **817**, 111.
Navy Studies Use of Yeast for Dispersing Oil Spills (Nbk) **817**, 111.
U.S. Arrests Russian Skipper in Alaska Oil Spill (Nbk) **810**, 132.
Stability in the Persian Gulf. V.J. Croizat **845**, 48.
Steam or Oil Engines for Fast Ships. J. Biles **269**, 1278.
Testing Lubricating Oils **184**, 1338.
Transportation at Sea **331**, 860.
Tunnard's Tanker Tables **358**, 1820.
U.S. and Canada Weigh Problem of Alaskan Oil (Nbk) **814**, 108.
U.S. Destiny in the Middle East. E.M. Eller **645**, 1161.
Use of Oil **33**, 339.
World's Supply **227**, 143.
Oilers
Oiler-Command, a Rewarding Deep Draft Experience. H.G. Bowen, Jr. **667**, 83.
United States
See also: New Navy, Page from.
Oiler Parade (Pict). J.L. Degnan, Jr. **667**, 91.
O'Kay. E.C. Kalbfus **329**, 602.
Okean: See: Operations.
Okean-75 (ProfNote). B.W. Watson and M.A. Walton **881**, 93.
O'Keeffe, R.B.
A Southwest Passage? (Gibbs) (C&D) **800**, 104.
To Build a Bigger Ditch (C&D) **784**, 111.
Okhotsk, Sea of, USSR's Great Lake? D.W. Given **811**, 46.
Okinawa
The Beachcomber and the Beachhead. N.C. Vanzant **868**, 64.
Divine Wind Over Okinawa. R.L. Wehrmeister **652**, 633.
Great Lew Chew Island. B.S. Bullard **532**, 705.
Impact of Invasion and Occupation on Civilians of Okinawa. H.S. Bennett **516**, 263.
Key to Western Pacific. H. Kublin **622**, 1359.
No Hiding Place Off Okinawa. J.D. Scott **657**, 1208.
Okinawa Operation. E.E. Paro **515**, 61.
Postman. J.F. Bradley, Jr. **530**, 427.
Seventy-Nine Minutes on Picket Line. F.A. Manson **559**, 997. **562**, 1413.
Oklahoma (USS) **273**, 2110.
Description **130**, 593.
Description; Illustration; plans **146**, 866.
Description; plans **142**, 776.
Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
Illustration, with Florida and Utah. **172**, 1113.
Illustrations showing towing of observation balloon **187**, 2091. **195**, 813.
Launched; description, illustration **151**, 865. **154**, 1808.

Oklahoma (U.S.) (Cont.)
Out of the Darkness. S.B. Young **754**, 86.
Photograph **162**, 563.
Ships of U.S. Navy. R.W. Neeser **158**, 1188.
Trials **162**, 584.
Up from the Mud at Pearl Harbor (Pict) **874**, 44. **878**, 86. **882**, 81.
Okumiya, Masatake **624**, 217.
and R. Pineau **615**, 573.
How the Panay Was Sunk **604**, 587.
For Sugar Boats or Submarines? **786**, 66. **789**, 108.
Japan: A Military "Papier-mâché Tiger" (C&D) **837**, 84.
Japan's Defense Dilemma (C&D) **856**, 100.
Japan's Naval Air Strength (ProfNote) **826**, 106.
Japan's Self-Defense Forces **754**, 26.
Joint author: See: Fuchida, Mitsuo.
Lessons of An Undeclared War **838**, 25.
Olch, I. **365**, 1058. **381**, 1614. **453**, 1627. **477**, 1607. **567**, 560. **574**, 1380. **639**, 543. **645**, 1227. **648**, 212. **655**, 1005. **715**, 100.
Admiral Makarov: Attack! Attack! Attack! (C&D) **754**, 118.
Breach of Neutrality **403**, 1265. **406**, 1771.
Future Naval Forces **471**, 615.
How Story Started (anec) **578**, 424. **593**, 792.
Hurricane Security **383**, 28.
Jean Bart's Escape to Safety **644**, 1055.
Modernized Designations of Rank **514**, 1493. **518**, 573. **522**, 1089.
National and Naval Policies **485**, 925.
Pan-Americanism and Naval Policy **465**, 1527.
Post-War Naval Policy **501**, 1309.
Price of Victory **539**, 17.
Resumé of National Interests in Caribbean Area **444**, 165.
St. Thomas **370**, 1734.
Olcott, F.B.: See: Wallin, H. and Olcott, F.B.
Old, T.R.: New Course for the NROTC (C&D) **773**, 108.
"Old Grog": See: Edward Vernon.
Oldendorf, J.R. **371**, 115. **374**, 545. **377**, 1001. **378**, 1143. **379**, 1291. **382**, 1753. **384**, 263. **386**, 553. **674**, 104. **676**, 103. **681**, 102.
Oldham, Joseph R.: Marine Engine Evolution **189**, 2629.
"Old Ironsides": See: Constitution (U.S.).
Old Man River, 1863. H.G. Dohrman **376**, 809.
Old Navy
Arkansas, Confederate Gunboat. D.B. Campbell **713**, 152.
Bainbridge, Commodore William **652**, 686.
Battleship Maine and Pier 46, East River. A.M. Johnson **633**, 1295.
California, First U.S. Governor of. F.F. Smart, Jr. **696**, 160.
Camanche, Curious Case of. H.C. Votaw **641**, 792.
Captain Mugford and the Powder Ship. V.J. Dowdell, Jr. **646**, 1358.
Challenge from USS Saratoga to USS Cincinnati. T.G. Miskill **640**, 682.
Civil War in the Far East. J.W. Gould **715**, 160.
Clipperton Operation. G.M. Lowry **708**, 170.
Cooper, James Fenimore: Novelist, Historian, and "Lawyer". D.D. Lewis **722**, 170.
Craven at Mobile Bay, T.A.M. Neville T. Kirk **630**, 963.
DN-1, U.S. Navy's First Dirigible. R.H. Rankin **656**, 1144.
USS Delaware: "The Skeered o' Nothin'". A.M. Johnson **654**, 918.
Dewey Anecdotes, Two New. W. Sneath **655**, 1030.
Dunderberg--Old Thundering Mountain. R.H. Rankin **693**, 158. **698**, 106, 107.
Elizabeth City, 1862, Battle for. J.M. Merrill **649**, 321.
USF Essex 32. R.J. Toner **644**, 1136.
A Famous Old Sailor. K.C. Holm **793**, 149.
Father of American Naval Engineering. Neville T. Kirk **626**, 487.
Federal Navy's Missing Raft. Sydney Jackman **691**, 154.
First Battleship Through the Big Ditch. W.F. Dietrich **700**, 156.
Florida at Veracruz. Cash Asher **702**, 158. **705**, 113, 114, 115, 116.
Foote at the Barrier Forts. N.T. Kirk **623**, 127.
From Coal to Oil--the Old Cheyenne. H.C. Votaw **704**, 166.
The Great Freeze, 1917-18. F.B. Thurber **709**, 152.
Hamilton, Alexander, and the Regular Naval Establishment. R.C.D. Hunt **653**, 806.
Hamilton's Revenue Fleet. H.R. Kaplan **716**, 160.
Hands Across the Sea. B. McCandless **647**, 122.
Hoist Ashes or Something **623**, 103, 104, 105.
Hull, Isaac. Linda McKee **728**, 176.
Hunters' Point Drydock. H.M. Smith **685**, 152.
Idaho, Story of the First. R.H. Rankin **688**, 173. **693**, 107.
Incident in Rio. S.V. Sternlicht **726**, 156.
Independence, Our First Ship-of-the-Line. H.C. Votaw **662**, 153.
Iowa--Alpha and Omega. R.H. Rankin **684**, 153. **693**, 108.
Jamestown Tercentenary--April-May, 1907: **669**, 146.
Josiah Tattnall--Blood Is Thicker Than Water. R.M. Langdon **676**, 156.
Katahdin--Last of the Rams. R.H. Rankin **668**, 146.
Kearsarge--Fifty-six Years and Three Careers. R.W. Anderson **683**, 102.
Kiel Canal, U.S. Navy at Opening of. C.H. Amme **660**, 154.
Long Chase. R.E. Johnson **671**, 144.
Marines Enter the South Sea. N.T. Kirk **625**, 360.
Military Retirement Act of 1885. O.S. Roloff **648**, 244.
Monitors, Last Battle of the. N.T. Kirk **624**, 240.
Nashville, U.S. Gunboat. A.C. Brown **664**, 152.
Naval Service, World's Record for. D.G. Bryce **711**, 168.
Navy Gets Its First Reserve. N.T. Kirk **628**, 726.
Ninety-Nine Years in the Navy. S.V. Sternlicht **675**, 150.
[Nipsic] Naval Pioneer on Puger Sound. G. van Deurs **657**, 1258.
Old Jersey Prison Ship. C.H. Jenrich **720**, 168.
Old Navy. J.K. Taussig **215**, 1.
Old Navy at Constantinople. C.L. Lewis **368**, 1442.
Origins of the Navy's War Staff. N.T. Kirk **627**, 615.
Pearl Harbor, How Happen I Were at. T.S. Loo **718**, 156.
Personnel **407**, 145.
The Prince De Neufchatel, American Schooner and Privateer. H.I. Chapelle **725**, 170.
Raleigh, Continental Navy Frigate. H.A. LeVan, Jr. **682**, 148.
Ripple Rock and the U.S. Navy. S.W. Jackman **679**, 152.
Sandy Creek, Battle of. I. Parmeter **659**, 136.
Schoonmaker, Last Day of Captain Cornelius M. G.E. Wheeler **643**, 1022.
Ship of the Crusader Period. O. Parkes **670**, 160.
Ship of Three Names. J.D. Alden **724**, 172.
Squib Versus Minnesota. J.C. Spencer **687**, 154.
Swatara, Repairs of the. G. van Deurs **639**, 569.
Swift, Revolutionary War Schooner. H.A. LeVan, Jr. **674**, 144.
Thetis at San Diego, October 1887. L.M. Harmon **689**, 150.
U-53, Exploit of. G.M. Lowry **698**, 158.
Virginia, Wheelhorse of the Fleet. N.T. Kirk **636**, 237.
Weehawken--Gallant Iron Ship. J.M. Merrill **692**, 162.
When Airpower Rode on Paddle Wheels. J.D. Alden **699**, 181.
When the Navy Fought Ashore. R.H. Rankin **706**, 156.
Olds, C.A.: Navy's Submarine Monopoly (ProfNote) **735**, 132.
Olds, G.D.: Mea Culpa (anec) **803**, 71.
Old Song--New Verse. A.B. Davis **669**, 30.
Old Tropic. A.H. Miles **326**, 326.
O'Leary, D.A.: Time Has Come, the Porpoise Said (Church) (C&D) **846**, 99.
O'Leary, Jeremiah (BkRev) **889**, 89.
Olfert Fischer (Dan. Cruiser): Description **107**, 744.
Olinde: See: Stonewall.
Olive Branch and Lightning Bolts. J.C. Ausland **801**, 67.
Oliver, E.F. **636**, 215. **690**, 116.
Bombay Explosion **649**, 273. **655**, 1005, 1007.
A Chain of Ships (Pict) **801**, 92.
Computer to the Rescue (ProfNote) **749**, 142.
Gargantuan Tankers, Privileged or Burdened? **811**, 39. **817**, 90.
USCGC Hamilton (WHEC-715), Coast Guard Ship of the Future (Pict) **800**, 86.
Largest Maritime Police Beat in the World (ProfNote) **806**, 120.
Lightships to Super Sea Buoys? (ProfNote) **776**, 131.
Long Look at the Rules **750**, 40. **755**, 113.
Malacca: Dire Straits **844**, 26.
Master Mariner to Master Submariner? **770**, 40. **774**, 106. **776**, 103, 104.
Odenwald Incident **638**, 379.
Overdue--Presumed Lost **697**, 98. **704**, 113, 114, 115.
Ships that Pass in the Night **681**, 70.
Silent Witness **697**, 70. **701**, 103.
Twenty-five Hundred Years of the Rules of the Road **633**, 1241.
Oliver, Frederick L. **428**, 1499. **520**, 837. **543**, 628. **549**, 1427. **564**, 208. **565**, 328. **577**, 321. **601**, 317. **628**, 698. **631**, 1049.
Adjustment of type III, azimuth circle **310**, 1085. **319**, 794.
Back to First Principles **170**, 745.
Bemused (anec) **562**, 1333.
Commodore Oliver Hazard Perry of Newport, Rhode Island **617**, 777.
Danger of Unpreparedness **509**, 763.
Fast Trip to the Brig (anec) **653**, 733.
From Mess Attendant Third Class to Ensign (anec) **605**, 786.
Havana Episode **596**, 1099.
Kentucky Rifle **435**, 679.
Our First Iron Man-of-War **561**, 1263.
Prize Money **524**, 1315.
San Francisco Harbor One Hundred Years Ago **590**, 385. **595**, 1024.
Some practical hints in navigation **170**,

737.
Telescopic Azimuth Circle **170**, 747.
Titan—or Atomic Force Old Style! (anec) **547**, 1079.
Two Code Messages **419**, 16.
Valor of Ignorance (anec) **668**, 90.
Oliver, J.D., Jr.: They Can't Do This to Me (anec) **675**, 47.
Oliver, J.D., Jr. and A.W. Slifer: Evaluating the DDG **749**, 78. **753**, 110.
Oliver, J.D., III: Let the Naval Academy Join the Navy (NAMB) **887**, 90. **892**, 88.
Oller, J.S., Jr.
Duty in Washington (ProfNote) **747**, 145.
Justice Is Swift (anec) **679**. 37.
Navy Training, Past and Present **897**, 26. **900**, 22.
Olney, C. **469**, 405. **470**, 558. **478**, 1763.
Olsen, A.N.
Teaming Up to Build a Nation **800**, 34.
Victory in Limited War (Parnell) (C&D) **800**, 118.
Olsen, C.E.: Communications Abbreviated (anec) **640**, 609.
Olsen, George: Rescue of. Fiske, B.A. An Unprecedented Rescue **136**, 957.
Olsen, J.G.: Shiphandling (ProfNote) **693**, 137.
Olsen, R.A.
Minimal Manning Module System (ProfNote) **836**, 114. **842**, 86.
A Return to Shipboard Leadership (C&D) **865**, 80.
Olson, B.E.: Remote Sensing in Oceanography (ProfNote) **809**, 124.
Olympia (U.S.) **370**, 1826. **795**, 113. **799**, 107. **895**, 70.
See also: Mission to Murmansk; Our Russian War of 1918-1919.
Goes Aground Off Block Island **174**, 1865.
How Blankets Helped Free an Historic Ship (Disc) **668**, 107.
Olympian Legacy (Pict). J.D. Alden **883**, 60. C&D: **893**, 88. **888**, 83.
Olympic (Brit. SS) **406**, 1687.
Olympic Games
Fifth Olympic Triumph. (Stockholm, 1912): **143**, 1173.
Navy Men in. R.H. Swartz **690**, 57.
Revival of **638**, 437.
Rifle shooting at Olympic Games of 1912. H. Laning. (illus) **145**, 249.
Olympic (SS)
Collision with HMS Hawke **140**, 1377.
Hawke-Olympic Collision. D.W. Taylor **141**, 283.
Keel Laid **128**, 1355.
Plans and Cost **127**, 1090.
Omaha (USS) **217**, 425. **242**, 687. **325**, 206. **346**, 1621.
Salvage Operations. M.W. Powers **439**, 1311.
O'Mahony, P.J.: Worlds Apart (Edelstein) (C&D) **847**, 81.
Oman, Charles M. (joint author): See: Gatewood, R.D.; Oman, Charles M.
Oman, J.W.: On organization of ship's crews **131**, 946.
Oman, Ralph: Yankees in China Ports **836**, 70.
Omdurman, Battle of: Gunboats in the Desert. C.L. Parnell **789**, 74. C&D: **793**, 103. **794**, 110. **798**, 110.
Omega Network, Navy Building Eight-Station (Nbk) **792**, 153.
Omega: A Status Report (ProfNote). C.W. Koburger, Jr. **872**, 118.
Omsk: American Mission to. **198**, 1470.
Öndes, Osman
Letters to Home (anec) **776**, 47.
Men, Like Sheep, Shall Not Pass (anec) **839**, 71.
Ondine (Fr.) **350**, 616. **352**, 925.
I Corps, Maritime Support of the Campaign in (NavRev). F.C. Collins, Jr. **819**, 156.
O'Neal, W.A.: Leatherneck Delivery (anec) **637**, 259.
One dab of whitewash for Nelson. M.M. Zogbaum **358**, 1747.
Onega (SS): Torpedoed **188**, 2463.
One or Other. H.F. Krafft **321**, 974.
Oneida (USS) **339**, 661. **341**, 883.
Collision with steamer Bombay **140**, 1144.
Illustration **152**, 1109.
Letter regarding bodies of crew of USS Oneida. S.C. Rowan **156**, 517.
Oneida Monument, Yokohama: Photograph **152**, 1115.
Reminiscences of USS Oneida lost in Yeddo Bay, 1870. O.W. Farenholt **152**, 1109.
Oneota (U.S.): See: Monitors 'Round Cape Horn.
O'Neil, C.
Cumberland and Merrimac **232**, 863.
Report of Chief of Bureau of Ordnance, 1899: **92**, 903.
Report of Chief of Bureau of Ordnance, 1900: **96**, 679.
O'Neil, J.J.: The Effect of the Alteration of Propellers upon the Speed of Vessels **66**, 191.
O'Neil, W.D.: Backfire: Long Shadow on the Sea-Lanes **889**, 26. **893**, 85. **898**, 81. **901**, 119.
O'Neill, J.G.: Selecting Oils for Navy Use **272**, 2004.
O'Neill, T.F., Jr.: "...Yes, Sir!" (anec) **674**, 63.
O'Neill, W.D., III
Gun Systems? For Air Defense? **817**, 44. **821**, 97.
The New Central Front (Descheneau) (C&D) **897**, 71.
Ship Classification—Time for Overhaul (ProfNote) **830**, 115. **835**, 93. **837**, 93. **839**, 97.
One-power standard **292**, 692.
One Stop for Susie. E.D. Stanley **773**, 54.
Onondaga (USS) **339**, 633.
An Early Dreadnought: Letter of W.B. Wetmore **135**, 855.
Illustration **135**, 855.
Ontario (U.S.): Voyage, 1817-19. C.O. Paullin **444**, 213.
Opale (Fr. Submarine): Trials **127**, 1053.
Opdycke, L.E.: Deputies of Zeus: Morality and the Vietnam War (Wermuth) (C&D) **862**, 84.
Opdycke, Leonard **403**, 1320. **426**, 1237. **433**, 403. **443**, 149. **576**, 199. **634**, 1382. **698**, 112.
O.P.E.C.: See: Organization of Petroleum Exporting Countries.
Open-door Policy **345**, 1495. **347**, 57.
See also: China.
Operational Management: Fleet Commanders: Afloat or Ashore? R. Peet and M.E. Melich **880**, 25.
Operational Readiness
Blueprint for Material Readiness Index. R.E. Apple **735**, 78.
Full Systems at Launch—New Concept in Fleet Aviation Operations. D.P. March **851**, 34. **854**, 100.
Naval Material Command Supplies Everything but People. I.C. Kidd, Jr. **870**, 66.
Operational Readiness and Military Requirements. J.T. Cockrill **737**, 52.
Operational Testing: Tactical Development in the Fleet. R.H. Smith **878**, 18. **882**, 80. **883**, 76. **884**, 98.
Operation Anvil-Dragoon
See also: Invasion of Southern France, A Blunder?
Executing. H.K. Hewitt **618**, 897.
Liberation of South of France, August, 1944 (Pict) **618**, 912.
Planning. H.K. Hewitt **617**, 731.
Operation Avalanche
Allied Navies at Salerno (Pict) **607**, 1006.
September, 1943: Allied Navies at Salerno. H.K. Hewitt **607**, 959. **613**, 333.
Operation CHASE. Steve Kurak **775**, 40. **779**, 104.
Operation Crossroads: See: Atomic Bomb.
Operation Deep Channel. J.M. Howard, III: **822**, 39.
Operation Deepfreeze
Deep Freeze Diary, 1968. J.S. McNeely **805**, 50.
Deepfreeze Fits Out. G.J. Dufek and J.E. Oglesby **637**, 279.
Operation Dewey Canyon **819**, 149.
Operation End Sweep. B. McCauley **853**, 18. **857**, 88.
Operation Frankton: Cockles and Muscles. B. Wilkinson **612**, 156.
Operation Frostbite—Strategic Success. E.B. Salsig **523**, 1199.
Operation Galvanic
Assault on Tarawa (Pict) **609**, 1236.
Tarawa. J.C. Smith **609**, 1163.
Operation Helping Hand
Fishing Program (Nbk) **821**, 110.
Martin, J.A. (ProfNote) **812**, 99. **819**, 208.
Operation Husky: Naval Aspects of Sicilian Campaign. H.K. Hewitt **605**, 705.
Operation Market Time **819**, 188.
DER in Market Time (ProfNote). W.J. Moredock **768**, 136. **779**, 104. **781**, 111. **787**, 107. **843**, 286.
Operation Neptune (Pict) **616**, 673.
Operation Pluto. R.J. Moore **616**, 647.
Operation Rolling Thunder **831**, 73, 79.
Operation Sail 1972, Tall Ships and Sailormen: D.V.V. Wood and K.W. Thompson **852**, 40.
Operation Sea Dragon (Pict). R.D. Moeser (photog.) **776**, 84.
Operation Sea Float **819**, 199.
River Power (ProfNote). T.R.M. Emery **810**, 117.
Operation Sea Lion
Decision Without Battle. S.T. Possony **520**, 761.
Operation "Sea Lion." K. Assman (Tr. by R.E. Krause) **563**, 1.
Operation Sea Lords. R.L. Schreadley **810**, 22. **816**, 87. **817**, 92.
Operation Sea Orbit: See: B.M. Strean.
Operation SAILOR HAT (ProfNote). S.C. Reed **759**, 144.
Operation Silver Lance: Observations: Steel Pike and Silver Lance. J.B. Soper **753**, 46.
Operation Snowy Beach—July 1973 Cover.
Operation Steel Pike: Observations: Steel Pike and Silver Lance. J.B. Soper **753**, 46.
Operation UNITAS: Latin America and Naval Power. R. McClintock **752**, 30.
Operation World Peace. E.E. Wilson **628**, 652.
Operations
CNO—Past, Present, and—Future? H.W. Baldwin **726**, 33. **731**, 100.
Combined—U.S./Foreign: British Crew to Man USS Biddle (Nbk) **735**, 146.
Fleet Aviation: Full Systems at Launch—New Concept in Fleet Aviation Operations. D.P. March **851**, 34. **854**, 100.
MARKET TIME Mother Ship (ProfNote). W.R. Harris **766**, 148.
Maneuvers, France, Naval Maneuvres, 1901: **99**, 589.
Okean. Soviet Maneuvers Summarized (Nbk) **813**, 101.
Okean. Soviet Naval Activities 1970 (NavRev) **819**, 286.

Operations (Cont.)
Shu-Fly Diary. A.J. Clapp **728**, 42.
UNITAS X (Pict) **809**, 73.
Operations Analysis
FADAP. S. Dombroff **762**, 70. **765**, 126. **768**, 117.
Practical Operational Studies (Prof-Notes). C.D. Allen, Jr. **788**, 135. **792**, 115.
What Price Sea Power? W.T. Rapp **761**, 56. **767**, 99.
Operations—Fleet
Current Fleet Operations (ProfNote). H.C. Allendorfer, Jr. **683**, 134.
The Fleet Versus the Ballistic Missile. R.S. Crenshaw, Jr. **722**, 34. **730**, 121.
Lebanon and Quemoy—the Navy's Role. E.F. Baldridge **696**, 94.
Limited War and the Striking Fleets. R.H. Gormley **720**, 52. **727**, 101.
Midlink Three (ProfNote). J.K. Welsh, Jr. **700**, 126.
Operations in Restricted Waters. R.P. Beebe **712**, 23. **721**, 108.
Solant Amity (Pict). T. Marquez **727**, 80.
Operations—Joint
Exercise Sea Wall (ProfNote). K. Dodson **711**, 145.
Operation UNITAS (ProfNote). C.E. Zartmann **723**, 144.
Operations—Naval
Naval Operations in Confined Waters and Narrow Seas. L. Taylor **688**, 55.
Navy War Games Program. J.B. Davis, Jr. and J.A. Tiedeman **688**, 61.
Operations—Naval Air
Carrier Employment Since 1950. D.L. McDonald **741**, 26. **757**, 120, 122.
Carrier Operations in Korea. M.W. Cagle and F.A. Manson **653**, 699.
Japanese Naval Air Operations in the Philippines Invasion. K. Shimada **623**, 1.
Operations Research in World War II. R.H. Milkman **783**, 78.
Operations Research Group: Role of Operations Research in Navy. J. Steinhardt **519**, 649.
Operations—Submarine: Operation Forager. S.R. Zimmerman **738**, 78. **742**, 113.
Ophelia (Ger. hospitalship): Condemned as British Prize **158**, 1364.
Opie, R. **605**, 796.
Opitz, A.G.: From Science, Sea Power? **692**, 63.
Opium Obbligato. G.F. Howell **430**, 1729.
Optics
Canadian Navy Changes Visual Acuity Rule (Nbk) **738**, 159.
Night Vision. J.H. Korb **524**, 1341.
Use of Eyes at Night. E. Liljencrantz, C.A. Swanson, and L.D. Carson **472**, 802. **487**, 1239.
Option, The Only (C&D) **830**, 96, 97. **832**, 105.
Orahood, D.W. **767**, 98.
Beachmasters—the Amphibious Combat Traffic Cops (ProfNote) **763**, 140.
Oral History
An Interview With J.T. Mason, Jr. **845**, 42. **849**, 86, 87. **852**, 94.
List of Biographies Available **845**, 47.
Marine Corps Oral History Program (C&D) **849**, 87.
Orama (HMS): Sunk by Submarine **178**, 3029.
Oran, Night Fight Off. H. Sanders **791**, 56. **795**, 114, 115. **805**, 92. **814**, 83.
Orde, E.L.: Liquid Fuel for Steamships **103**, 736.
Order Books: Ship's Orders—1815. J.F. Goodwin **443**, 78.
Orders to Helm **319**, 811. **343**, 1262.
Orders: When Is an Order? A.R. McCracken **556**, 653.
Ordnance and Gunnery
See also: Guns (ordnance); Guns and Gunnery; Naval Ordnance Laboratory; Naval Ordnance Plants.
Bureau of Ordnance: "I Asked for a Gun and Not an Opinion!" B.F. Butler **858**, 70.
The Carronade. S.C. Tucker **846**, 65. **851**, 86.
The Development of Rifled Ordnance
Present Development of Heavy Ordnance, 1893. W.H. Jaques (Rev) **68**, 521.
The Life of. **88**, 796.
Notes **33**, 335.
Very, E.W. **3**, 25.
Devil's Watering Pot. N.W. Emmot **835**, 68.
8"/55 Major Caliber Lightweight Gun: Big Punch for Small Ships (Prof-Note). H.M. Effron **874**, 91. **877**, 123.
Eight-inch Guns Relined in Ship/Shore Evolution (ProfNote). W.J. Smith **842**, 107. **846**, 97.
Firing and Operating Guns on Board Ship **39**, 642.
First Naval Gunnery Conclave (Prof-Note). R.T. Roberts **794**, 138. **800**, 115. **809**, 106.
German Bore Sighting at Sea (Prof-Note) **209**, 1137.
Guns Have Not Gone Yet! J.O. Stull **734**, 80.
Gun Systems? For Air Defenses? W.D. O'Neill, III: **817**, 44. **821**, 97. **827**, 92. **829**, 105.
Heavy Ordnance and Armor
Alger, P.R. **99**, 529.
Development of, in the immediate past and future. P.R. Alger **80**, 777.
Improvements in. P.R. Alger **81**, 125.
The Manufacture... W.H. Jaques **71**, 527.
Initial Success—or Failure (Pict) **718**, 93.
Japanese A.P. Projectile **673**, 102.
Naval Ordnance. P.R. Alger **71**, 573.
Naval Gunfire Today and Tomorrow. J.B. Soper **763**, 52. **766**, 132, 133. **769**, 109. **773**, 106. **774**, 108. **776**, 111. **777**, 102. **778**, 111.
Navy Without Weapons? (ProfNote). J.T. Bonner **828**, 113. **847**, 84.
New 5-inch Gun Mount (ProfNote). R.F. Rockwell **788**, 133.
New Weapons With NATO Nameplates. G. Cornelius **708**, 26.
Ordnance Replacement Program (Prof-Note). S. Kurak **759**, 154.
Ordnance Research
Naval Ordnance Laboratory (Pict) **764**, 104.
U.S. Naval Ordnance Laboratory—50 Years of Research (ProfNote). G.K. Hartmann **800**, 138.
Our Rifled. H.W. Lyon **11**, 1.
The Present Course in Ordnance and Gunnary at the Naval Academy. R.R. Ingersoll **37**, 91.
Radius of Gyration of a Rifled Projectile. C.A. Stone **22**, 677.
Report of Chief of Bureau
1896: **80**, 825.
1899: **92**, 903.
1900: **96**, 679.
Royal Navy's 18-inch Ordnance **690**, 117.
Soviet Naval AA Cannon Persist in Missile Age (ProfNote). W.J. Farquharson **860**, 109.
Sunday Punch Weapon. E.A. Dieckmann **644**, 1088.
Unexploded Projectiles **678**, 103.
Orduna (SS): Attacked by Submarine **158**, 1353.
Oreade (Fr) **354**, 1224.
Ore/Bulk/Oil Vessels: The Other Revolution. R.P. Holubowicz **812**, 42.
Oreck, S.L.: Nothing But Blue Skies (Leider) (C&D) **836**, 88.
Oregon (SS): The motor-ship Oregon **164**, 1304.
Oregon (USS) **277**, 464. **288**, 175. **291**, 586. **335**, 63. **337**, 283. **670**, 123.
Correction **424**, 938.
Gets New Home. W.S. Wharton **429**, 1628.
Pathfinder. W.O. Foss **546**, 951. **551**, 101. **553**, 355. **580**, 657.
Whatever Happened to the Battleship Oregon? (OldNav). J.D. Alden **787**, 146. C&D: **791**, 100.
O'Reilly, James T.: Military Cover and Deception vs. Freedom of Information (Toole) (C&D) **878**, 84.
Orel (Rus.) **426**, 1237.
Damage to, at Port Arthur **116**, 1027.
Description **103**, 660.
Orellana, F. de: Amazon River Voyage **382**, 1766-67.
Orem, H.E. **642**, 889.
Diesel-Electric Installation for Auxiliaries **345**, 1540.
Joint Chiefs of Staff, Shall We Junk the? **660**, 57.
West Germany, a Candidate for Membership in NATO **627**, 515.
Orford, McLeod: That's Not an Army Privilege (anec) **787**, 51.
Organ, W.H.: Inshore Navigation with Radar and VPR **558**, 925.
Organization: See: Administration and Organization.
Organization and Administration: Command Attention! (ProfNote). R.D. Ward **664**, 132.
Organizational Development: Behavioral Science in the Armed Forces (Prof-Note). R.A. Zawacki and P.E. LaSota **852**, 113.
Organization and Drill
Necessary Changes in... Prize Essay for 1886. C.G. Calkins **38**, 269.
Necessary Changes in... W.L. Rodgers **38**, 361.
Organization and Drill of Navy Personnel **78**, 471. See also: **77**.
Training, and Discipline of the Navy. W.F. Fullam **77**, 83.
Organization of Petroleum Exporting Countries (O.P.E.C.): Politics of Oil in the Wake of Yom Kippur. W.L. Dowdy, III: **857**, 23.
Organization of the Fleet: See: Fleet, The.
Organization of Ships' Crews
Andrews, Philip. On organization of ship's crews **131**, 945.
Barry, E.B. On organization of ship's crews. **131**, 656.
Belknap, R.R. On organization of the ship **146**, 580.
Charlton, A.M. The electrical division aboard ship **196**, 987.
Dillingham, A.C. On some ideas about organization aboard ship **129**, 283.
Hoff, A.B. On organization of the ship. **146**, 575.
King, E.J. Some ideas about organization on board ship **129**, 1.
Procter, A.M. Organization of the ship **146**, 551.
Walker, A. On some ideas about organization aboard ship **129**, 283.
Yarnell, H.E. Greatest need of the Atlantic fleet **145**, 1.
Orient
See also: Far East.
Our Stake in the Orient Today. J.Z. Reday **666**, 51.
Oriente (USS) **327**, 449.
Orion (FN) **346**, 1717. **350**, 616.
Orion (HMS) **344**, 1411, 1416. **346**, 1715. **358**, 1827.
Description **136**, 1158. **141**, 321.

Description, gunnery trials; plan **140**, 1428.
Launched; description **135**, 867.
Unexplained explosion aboard **141**, 326.
Orion (U.S. collier): Launched; description **142**, 780.
Orizaba (USS): Accidental depth-bomb explosion **188**, 2459.
Orlob, Helen: The Unmailed Memorandum (OldNav) **853**, 84.
Orman, L.M.: Shipborne Radar--A Survey **533**, 819.
Orndorff, W.S.: Wanted: An Effective ASW Ship (C&D) **739**, 116.
O'Rourke, B.F.
In Defense of the Large Slow Target (Bower) (C&D) **811**, 94.
The LST in Vietnam (ProfNote) **764**, 148.
O'Rourke, G.G.
Hosenoses, Stoofs, and Lefthanded Spads **785**, 56. **788**, 102, 102, 109. **790**, 103.
Is TacAir Dead? **884**, 34. **887**, 81, 82. **890**, 79.
Lightweights and Heavyweights **840**, 26.
Our Coming Air-Capable Navy (NavRev) **891**, 90.
Wondrous World of Jet V/STOL **837**, 33.
Why V/STOL? **875**, 39. **880**, 79. **884**, 91.
O'Rourke, P.V. **359**, 109.
O'Rourke, R.J.: Moral Cohesion and the Need for American Military Leadership (Leadership Forum) **871**, 72.
O'Rourke Test: See: Intelligence Tests.
Orphee (Fr) **348**, 291. **353**, 1074.
Orput, T.J.: Naval Gunfire--Today and Tomorrow (C&D) **766**, 132.
Orr, Clinton: Submarine Memorials (Hagerman) (C&D) (Pict) **833**, 93.
Orr, W.S.: Defensive Seamanship (Byington) (C&D) **872**, 87.
Ortega, J.J.: Carrier ASW Pilot Motivation (ProfNote) **786**, 144. **790**, 99.
Orth, Michael: The Stevens Battery **760**, 92.
Ortland, H., III
How Do You Stop This Thing (anec) **713**, 120.
Naval Preparatory School--More Than 40 Years of Preparation (ProfNote) **740**, 126.
Ortlieb, E.J.: Defense Systems Analysis Education Program (ProfNote) **762**, 148.
Osa-class PT Boats (Rus.): See: Aftermath of the Elath.
Osbon, B.S. **407**, 38. **411**, 709.
Osborn, D.R., Jr. **412**, 876.
Towing New Orleans Dry Dock to Pearl Harbor **463**, 1241.
Osborn, P.R. **501**, 1394. **503**, 85. **505**, 328. **546**, 1024. **598**, 1368. **642**, 882. **669**, 110. **706**, 106.
American Harbor Defenses: Final Era (C&D) **783**, 106.
American Monitors **408**, 235. **411**, 713. **413**, 1021.
Linebacker Strike (Powers) (C&D) **871**, 79.
Remembrance of My Cruise (Focht) (C&D) **795**, 112.
Three Naval Campaigns **424**, 874.
Osborne, A.M.
Air Defense for the Mining of Haiphong (ProfNote) **859**, 113.
Dilemma of the Junior Officer (ProfNote) **830**, 120. **835**, 94.
Osborne, Royal Naval College
Description and discussion of methods **107**, 752. **118**, 724. **119**, 1133.
Examinations, Summary of. **109**, 221.
Naval Education at Osborne (1903): **107**, 979.
Preparation of Candidates for Osbourne (1911): **137**, 297.
Oscar, High Cost of Saving. A.H. Robbins **797**, 60.
Oscillation of Bodies of Waters **397**, 367. **412**, 775.
Oscillators, Magnetostriction. G.W. Pierce **306**, 695.
Oseth, J.M. **488**, 1362. **490**, 1610.
Osetr (ex-Protector): Submarine for the Tsar. F.G. Babbitt **806**, 46.
Osgood, W.H.: Analyzing Engineering Performance of Destroyers **210**, 1223.
Osliabia (Rus.) **387**, 692.
Osmer, Stephen R.: The Aerial Ice Patrol: No More Titanics (ProfNote) **877**, 102.
Ostend
See also: Zeebrugge.
Bombarded, March 22, 1918: **183**, 1147. **184**, 1377.
Bombardment of, September, 1917: **177**, 2717.
Destruction of the Flanders Triangle. Z.W. Wicks **197**, 1093.
30-foot way opened into Ostend by shifting Vindictive **185**, 1682.
Ostend and Zeebrugge, British Assault on. K. Schultz **317**, 573.
Ostenso, N.A.: Arctic Ocean (ProfNote) **735**, 136.
Osterhaus, H.W., Jr. **642**, 878.
Ostfriesland (SMS) **208**, 957.
Description **132**, 1278.
Ostmark (Ger. MS) **427**, 1255.
Ostrander, C.: Chaos at Shiminoseki **532**, 649.
Oswald (HMS) **320**, 900.
Otchakof (Russ. cruiser): Trials **116**, 1007.
Otranto (SS): Sunk in collision with SS Kashmir **189**, 2671.
Ott, George
The Only Option? (Lowe) (C&D) **832**, 105.
The Red Navy--Telling It Like It Isn't (NAMB) **873**, 84. **877**, 115.
Ottaway, G.W.: We Were Distantly Acquainted (anec) **841**, 77.
Otterson, J.E.
Navy Yard Problems **143**, 859.
On "The military-industrial organization of the navy." **152**, 1171.
Otto, E.
Battle at Blanc Mont **323**, 1. **324**, 89. **325**, 177. **326**, 304.
Battles for Belleau Woods **309**, 940, 995.
Otto, R.C.
Faithful Servant, Faithful Friend (anec) **719**, 129.
Picture's Fine, But There's No Sound (anec) **705**, 50.
When the Cardinal Ran for Office (anec) **721**, 35.
You'd Better Start Practicing (anec) **719**, 93.
Otto Hahn (Ger): Germany's First Nuclear Ship (ProfNote). H.K. Bianchi **809**, 119.
Otway (Austral. ship) **337**, 398. **338**, 539.
Otway (SS): Torpedoed **175**, 2129.
Oudet, L.: Radar--Milestone or Millstone? (C&D) **733**, 115.
Oulahan, R.V.
British cruisers withdrawn from active service **280**, 1178. **321**, 987.
Philippine opposition to General Wood **252**, 331.
Ounce of Prevention, or Art of Bilge Diving. C.W. Fisher **364**, 808.
Ouragan (Fr.): French Navy's First Landing Craft Transport (ProfNote). H. LeMasson **765**, 152.
Our Naval Policy. W.V. Pratt **353**, 953. **355**, 1366, 1368-69.
Our Navy, 1897-1972, end of magazine (SecNotes) **841**, 3.
Our Navy in Peace. E.E. Marshall **348**, 191. **350**, 610.
Our Petty Officers. J.M. Kennaday **356**, 1437, 1477.
Our Weakest Link. T.L. Gatch **289**, 267.
Our Russian War of 1918-1919. K. Tolley **792**, 58. **796**, 112. **799**, 108, 110.
Ousey, W.M.
Faith (anec) **701**, 53.
Those Inscrutable Occidentals (anec) **681**, 51.
Words of Praise (anec) **690**, 67.
Outerson, W.: Very Unfortunate Affair **543**, 623.
Outer Space
Decatur's Doctrine--A Code for Outer Space? P.B. Yeager and J.R. Stark **655**, 931.
Treaty on Outer Space (ProfNote). L.H. Passmore **777**, 131. C&D: **783**, 109.
Outfitting Officer. H. Key, Jr. **509**, 795.
Outfitting, Spares and Equipment **602**, 440.
Outlaw, E.E. **786**, 106.
Outside (USS): N.B. Musser **319**, 786.
Overall-Hatswell, D.R. **630**, 934. **632**, 1159. **633**, 1268. **634**, 1383. **641**, 768. **651**, 556. **698**, 110.
Schooner Yacht America (C&D) **779**, 100.
What's It Like in a Wet Ship (C&D) **745**, 103.
Overboard, Have You Ever Lost a Man? D.J. Carrison **630**, 893.
Overcommitment: So Much To Do...So Little Time. G.E. Brainerd **835**, 62.
Overfall: An Aleutian Phenomenon (ProfNote). N.B. Hutchinson **857**, 110.
Overhaul and Refitting: Civilians, Not Naval Officers, Should Supervise Ship Overhauls (C&D) **869**, 83.
Overhaul for the USS John A. Bole (DD-755) (C&D) **800**, 106. **804**, 97.
Overhauling the Overhaul. H.G. Bradshaw **780**, 55. **785**, 103.
Overhauls, Ship: See: Repairs.
Overland Transport of German Ships During World War II. F. Popp **623**, 27.
Overman Espionage Bill: Provisions of. **170**, 838.
Overseas Bases
Civil Engineers, Seabees, and Bases in Vietnam (NavRev). C.J. Merdinger **807**, 254.
How Long for This World? E.F. Dissette **689**, 23.
Rota Will Be Polaris Sub Base (Nbk) **735**, 146.
Quest for Common Ground. E.F. Black **779**, 28.
Over-seas Expeditions. E.L. King **226**, 1911.
Overspecialization: Professional Development. T.B. Grassey **894**, 31.
Overstreet, L.M.
Danger of Disarming America **259**, 1492.
Merchant Marine: Its Value in Peace and War **296**, 1094.
Navy Strives for Peace **284**, 2060.
Owego (SS): Attacked by German Submarine **165**, 1724.
Owen, J.P., Kessler, H.H., Lindgren, H.C., and Kahn, V.N.M.: Rehabilitation of War-Disabled **502**, 1439.
Owens, H.M. (BkRev) **842**, 95.
Owens, M.D., Jr.: NROTC Recruiting: A Worm's Eye View (Winnefeld) (C&D) **898**, 79.
Oxley (Austral. sub) **337**, 398. **338**, 539.
Oxley, J.H.: Alliance Diplomacy in Limited Wars (C&D) **776**, 102.
Oxygen Masks **308**, 909.
Oyer, E.C.
Policy and the Political Geographer (Winters) (C&D) **810**, 96.
The Silent Sentinel (C&D) **846**, 99.
Ozark (motor launch): Lost **185**, 1659.
Ozark (U.S.): Mine Countermeasures Ship (ProfNote). J.A. Meacham **782**, 128.

Ozdoganci, Sina **639**, 545.

P

P-3 Orion
Airborne Destroyer. W.G. Marshall **853**, 26. **857**, 83, 84. **859**, 102. **862**, 89.
Norway Will Buy P-3 Orion (Nbk) **786**, 157.
A Politico-Military Instrument (ProfNote). W.R. Westlake **813**, 99.
PX-S (Jap.): Japan Builds a Seaplane (ProfNote). R.A. Hoffman **780**, 124.
Pace, N. (joint author): See: Consolazio, W.V.
Pacific Barrier. D.B. Mauldin **668**, 63.
Pacific, Collective Security in; Nine Years of the ANZUS Pact. N.J. Padelford **691**, 38.
Pacific Flight Prize by Japan **344**, 1415.
Pacific Institute: See Institute of Pacific Relations.
Pacific Mail (SS) Co. **247**, 1525. **277**, 545.
Pacific Missile Range. E.E. Mouton **676**, 80.
Pacific Ocean
See also: Policy.
Coast Guard in the Central and Western Pacific (NavRev). J.W. Moreau **843**, 270.
Inca Mystery of South Seas. P.L. Soljak **531**, 562.
New Track to Orient. A.O. Lustie **393**, 1607.
Pacific Briefing. G. Richards **504**, 157.
Pioneers of Pacific. R.S. McIver **498**, 945.
Polynesian Navigation. D.J. Edwards **451**, 1284.
Practical Approach to Pacific Problem. B.C. Allen **499**, 1137.
Preparedness, Naval, in Pacific Area. Y. Stirling, Jr. **375**, 601.
Problems of Pacific. W. Prak **389**, 917.
Public Opinion and American Pacific Naval Policy. J.W. Masland **461**, 985.
Trust Territory of Pacific Islands. C.H. Wright **549**, 1333.
Weather Phenomena, Special, of Pacific. P.R. Lackner **597**, 1199.
Pacific (SS) **328**, 553.
Pacific (U.S.): Durable Dredge Pacific. (OldNav). S. Allyn **889**, 72.
Pacific Station, First American Warship on: See: Macedonian.
Pacifism
Array Against Sovereignty. W.T. Cluverius **272**, 1916.
Boycott of Japan Urged **350**, 607. **352**, 944.
Britten, F.A. re **346**, 1706.
Carnegie Foundation: H.R. 131 re **350**, 611.
Chicago Tribune re **349**, 425.
Fish, Committee to Investigate Communists **331**, 876.
Food for Thought **345**, 1593.
Influence of Public Opinion upon War. B. Anderson **377**, 961.
Logic **358**, 1846.
Marine Journal re **349**, 424.
National Policies and Defense. G.W. Akers **377**, 897.
Navy and Public Indoctrination. D.W. Knox **316**, 479.
Peace on Earth, Good Will to Men **296**, 1148.
Propaganda Costs **350**, 611.
Psychology of Pacifism. K.L. Buell **304**, 473.
Waste (cartoon) **358**, 1846.
What Price Pacifism. C.A. Tinker **286**, 2458.
What Price Victory? L.P. Lovette **378**, 1073.
Package Docks. E. John Long **624**, 193.
Packard, W.H.
Book Review **793**, 122.
Bureaus Go On Forever (C&D) **787**, 111.
First Hundred Years Are... (Smith) (C&D) **853**, 93.
U.S. Monitor Patapsco (OldNav). (Thompson) (OldNav) **796**, 114.
The Naval Attaché (ProfNote) **746**, 130.
Packing, Metal Fibre for **205**, 469.
Pact of Paris: See: Kellogg Pact.
Padelford, N.J.
Atlantic Naval Policy for United States **451**, 1297.
Collective Security in the Pacific: Nine Years of the ANZUS Pact **691**, 38.
Paderewski, Ignace: Heads Polish Government **192**, 302.
Padfield, Peter: Lord of the California (C&D) **790**, 108.
Padget, H.E.
Book Review **734**, 120.
Newest Minesweepers in the U.S. Navy (NewNav) **725**, 172.
Newsman in Vietnam (Blanchard) (C&D) **809**, 106.
No Place to Hide (anec) **703**, 89.
Soul of Wit (anec) **685**, 85.
You Can't Tell By Looking (anec) **741**, 65.
Padgett, H.E. and J.A. Garros: Saigon--The Navy Reported Today... (ProfNote) **794**, 132.
Paes, Sidonio: Assassination of. **191**, 171.
Page, T.J. **248**, 1661.
See also: Strange Career of the Stonewall.
Page, W.H. **270**, 1452.
Page, W.T.: The American's Creed-February 1972 Cover **832**, 101, 102.
Paine, R.W. **576**, 203. **579**, 546.
Paine, T.O.: "Pongo" Problem (anec) **696**, 45.
Paint
Color for Warships **283**, 1807.
Cheaper Paint for the Navy **140**, 1283.
A Naval Ship's Bottom Paint. H. Williams (illus) **138**, 513.
Painter, The Pneumatic **79**, 667.
Paist, P.H.
The Keokuk's Guns (OldNav) **760**, 174.
Monitors--Ships that Changed War (Pict) **700**, 76. **706**, 104, 105, 106.
Pakistan
Indo-Pakistani War and Changing Balance of Power in the Indian Ocean (NavRev). Ravi Kaul **843**, 172.
Kashmir: Valley of Indecision. M. Green **634**, 1339.
Pakistan and Himalayas. W.H. Hessler **618**, 851.
Pakistan Navy. Hayaud Din **667**, 59.
Palazzolo, A.L.: Growler Sea Trials (ProfNote) **689**, 128.
Palen, F.P.: Protection of American Shipbuilding **270**, 1532.
Palen, L.S.: Davids of Sea **310**, 1035.
Palestine **217**, 450. **293**, 787. **320**, 916. **330**, 773. **331**, 875. **334**, 1156. **335**, 132. **338**, 559. **355**, 1336.
Pallada (Russ. cruiser)
1st: Trials **101**, 126.
2nd: Launched; description **120**, 1604.
Pallas (Gr.Br.) **864**, 67.
Palmer, B.L.: Are TARS an Endangered Species? (C&D) **893**, 89.
Palmer, F.F.
Officer Appraisal in the Armed Forces (C&D) **754**, 111.
Why V/STOL? (O'Rourke) (C&D) **880**, 79.
Palmer, F.L., Jr.: The Old Indispensables **882**, 60.
Palmer, Frederick: The War's Naval Lessons for the U.S. **162**, 619.
Palmer, H.C. **267**, 801.
Palmer, H.V.R., Jr.
Fit and Unfit (anec) **594**, 895.
Sharpshooting (anec) **604**, 619.
Texas Sharpshooter (anec) **617**, 750.
Washington Merry-Go-Round (anec) **632**, 1115.
Palmer, J.E., Jr. (joint author): See: Sharp, A.
Palmer, J.M.
Book Review **840**, 99. **846**, 101. **863**, 89. **868**, 93. **875**, 83. **886**, 94.
The Channel Command, Sea Highway to Europe (NavRev) **879**, 176.
Hoist Him In! (ProfNote) **760**, 148.
P.R.--"As Others See Us" **845**, 60.
Palmer, J.S.: Forgotten Protagonist of Risorgimento. C. Moran **443**, 31.
Palmer, L.C. **254**, 656. **268**, 1079. **270**, 1531. **272**, 1944. **273**, 2207. **274**, 2397. **541**, 353.
Palmer, N.B.: See: Cover Pictures--August 1963.
Palmer, W.F.: Submarine Mining, Orphan Cyhild of Service **381**, 1582.
Palmieri, J.J.
Commercial Shipbuilders: Risk and Reward **870**, 46.
To Use the Sea (Kendall) (C&D) **845**, 89.
Palmyra, Capture of the. J.M. Ellicott **323**, 49.
Palomares
Exercise in Ocean Engineering (ProfNote). W.F. Searle, Jr. **772**, 128. C&D: **781**, 114.
Postscript to Palomares. Sanchez Goode **790**, 48.
Palomares, Spain: Contact 261. L.B. Melson **772**, 26.
Palos (U.S.) **393**, 1626. **426**, 1151. **427**, 1312. **430**, 1729. **435**, 709.
Pampa (SS)
Salvage of Argentine Naval Transport Pampa. L.H. Chandler **183**, 987.
Torpedoed **188**, 2473.
Pampanga (USS) **263**, 76.
Panama
Columbus in Panama. R.Z. Kirkpatrick **421**, 339.
Costa Rican Boundary **220**, 974.
Darien Disaster. R.Z. Kirkpatrick **479**, 48.
Government Overthrown **337**, 414.
History: Panama As I See It. J.G. Niemeier **887**, 35. **894**, 70.
Isthmus of: Lieutenant Strain's Ordeal (OldNav). L.C. Allin **852**, 83.
Maps, Old **479**, 48, 50-54.
Merchant Marine of Panama as American Asset. E.S. Land **617**, 726.
Naval Battle Between Revolutionaries, 1902: **101**, 158.
Non-stop Flight to, from Dayton, Ohio **333**, 1049.
Panama and U.S. Stalled Over Terms of New Canal Treaty (Nbk) **830**, 124.
Panama la Vieja. J.D. Thompson **360**, 215.
Puerto Armuelles Tide Chart **393**, 1609.
Terms of Treaty **288**, 231.
Panama Canal **658**, 1348.
See also: Old Navy: First Battleship Through the Big Ditch
Ancon, 1st ship through the canal **153**, 1521.
Bunau-Varilla, Protagonist of Panama. G.J.B. Fisher **367**, 1313. **370**, 1826.
Canal Diplomacy and U.S. Interests. P.B. Ryan **887**, 43. **894**, 70. **897**, 85.
Channel, Miraflores Lake, Widened **354**, 1230.
Coco Solo Naval Air Station **298**, 1322. **320**, 910.
Commercial Importance of the Panama Canal. E.R. Johnson **148**, 1407.
The Cost of the Slides at Panama **151**, 924.
Dam, 12-million dollar **321**, 986.
Defenses of. **245**, 1193. **247**, 1515, 1560.
Description of. (1913): **150**, 602.
Digging the "Big Ditch". (Pict) G.E.

Wheeler **625**, 317.
Dispatch and transit of ships through Panama Canal. D.E. Dismukes **156**, 481.
Ditch, To Build a Bigger. A.C. Miller, Jr. **775**, 26. C&D: **779**, 102. **784**, 111.
Earnings **205**, 460. **227**, 123. **249**, 1941.
Earthquakes at Panama **150**, 604.
Expansion, Proposed **317**, 631.
Gatun Channel May Be Deepened (Nbk) **781**, 146.
A German view of the strategic importance of the Panama Canal. F. Zadow **151**, 803.
Half of the canal's trade in U.S. vessels **155**, 220.
Handling Vessels in Restricted Waters. F.E. Nelson **304**, 446.
Inter-Ocean Tunnel-Canal **633**, 1269.
Isthmian Canal Policy, An Engineer's Evaluation of. E.S. Randolph **638**, 395.
Isthmian Canal Policy--an Evaluation. T.U. Sisson **625**, 263.
Lieutenant Strain's Ordeal (C&D) **865**, 76.
Lighting the Canal **150**, 601. **151**, 925.
Lock (third) Projected **352**, 920.
Maneuvers, 1924: **254**, 649.
Naval Danger at. **244**, 1026.
The Navy and the Panama Canal. H.S. Knapp **147**, 931.
Panama As I See It. J.G. Niemeier **887**, 35. **894**, 70.
Panama Canal (Maps, illus) R.E. Bakenhus **146**, 599.
Panama Canal--Auxiliary of Fleet. R.S. Fahle **615**, 495.
Panama Canal in International Law. H.S. Knapp **145**, 95.
The Panama Canal in 1914: **151**, 922.
Panama Canal Report for 1915: **161**, 274.
Panama Canal: Operations or Engineering? A.S. Riggs **538**, 1455. **545**, 894.
Panama Canal's Biggest Ships. A.W. Hinds **271**, 1703.
Panama Canal Tolls. C.H. Stockton **142**, 493.
Panama Traffic 1915-1916: **165**, 1687.
Pioneer in Hemisphere Defense. R.Z. Kirkpatrick **468**, 232.
Plans (1906) for construction **120**, 1614.
Problems of defense of Panama Canal. D.W. Knox **254**, 647.
Prognosis for the Panama Canal. A.C. Miller, Jr. **733**, 64.
Real status of Panama Canal as regards neutralization. H.S. Knapp **133**, 61.
Report of Progress During Year 1885. W.W. Kimball **43**, 679.
Restricted Zones for Aircraft **338**, 556.
Rights of Warships at Panama **154**, 1827.
A Rival (British) Canal at Panama? **148**, 1777. **150**, 604.
Saratoga Transiting **336**, 246. **355**, 1250.
Security of Panama Transit in War. F.W. Hopkins **553**, 321.
Shall We Outgrow Panama Canal? P.V.H. Weems **251**, 7. **252**, 248.
Ships on Wheels (ProfNote). J.W. Carter **662**, 138.
Short Cut to the Pacific **140**, 1475.
6 Months Panama Canal Traffic Aug. 1914-Feb. 1915: **157**, 960.
Slides **208**, 944.
The Slides at Panama **162**, 618.
Slides at the Panama Canal (illus) **160**, 2076.
The Slides of January, 1917: **168**, 404.
Statistics and Traffic Oddities **452**, 1471.
Strain's Panaman Expedition. R.Z. Kirkpatrick **390**, 1128. **393**, 1735.
Success and Future of Panama **159**, 1667.
Terminal Facilities of the Panama Canal. H.H. Rousseau (illus, plans) **166**, 1825.
Tolls **226**, 1970. **242**, 707.
Toll schedule **148**, 1424.
Tonnage Through the Canal (to Aug. 1915): **160**, 2079.
Tonnage 1916-1917: **176**, 2357.
Traffic Control in the Panama Canal (ProfNote). R.D. Brown, Jr. **700**, 122.
Traffic Statistics **219**, 752. **232**, 1032. **233**, 1215. **283**, 1803. **324**, 148. **327**, 465. **347**, 127. **348**, 292.
Trip Through Panama Canal. R.J. Feld **205**, 405.
U.S.-Panama Agree on Canal Treaties (Nbk) **776**, 146.
U.S. Treaty Rights in the Caribbean (ProfNote). C.L. Cochran **785**, 128.
Views on Panama Tolls. M. Niles **151**, 876.
Why Night Operation? **307**, 789.
Widening Contract Let for Panama Canal (Nbk) **768**, 154.
Will the Slides Ever Be Overcome? **166**, 2047.
Panama-Pacific International Exposition:
The Navy's Participation at the Panama-Pacific International Exposition. C.H. Woodward **155**, 167.
Plans for. **150**, 603.
Panama Tides
Kirkpatrick, R.Z. **278**, 660.
Marmer, H.A. **333**, 1003.
Pan-America **292**, 696.
Panamerica Roll-on/Roll-off Vessel in Service **798**, 160.
Pan-American Airways: Caribbean Route **328**, 557.
Pan-American Conferences **243**, 889. **245**, 1232. **246**, 1342, 1381. **301**, 239. **302**, 327.
Pan-Americanism and Naval Policy. I. Olch **465**, 1527.
Pan-Europa
Austro-German Tariff Union **341**, 985.
Conferences **337**, 415. **338**, 558. **341**, 986.
Plans **329**, 663. **331**, 874. **333**, 1054.
Russian Economic Truce **341**, 986.
Panas, E.G. **658**, 1346.
Panay (U.S.)
See also: Kemp Tolley. YangPat--Shanghai to Chungking.
How Panay Was Sunk. M. Okumiya and R. Pineau **604**, 587. **615**, 573. **624**, 217.
Panay Incident: Prelude to Pearl Harbor. H.J. Swanson **778**, 26. C&D: **783**, 111.
Pandora (HMS) **321**, 991.
Panic, Depression, and War **354**, 1242.
Panics (in battle): See: Morale.
Pan-Massachusetts (U.S.): See: Those Who Can...
Panshin, D.A.
Naval Speaker (C&D) **785**, 96.
Pollution--We Do Our Part (Bekkedahl) (C&D) **809**, 105.
Panzerschiff C.: See: Braunschweig.
Paolozzi, Mary: Origin of Navy Day (C&D) **824**, 91.
Paolucci, D.A.
and F.I. Collins, Jr.: Postgraduate Education and Promotion: A Significant Relationship? **767**, 56. **771**, 125. **772**, 107. **776**, 105.
ABM: The High Cost of Living (C&D) **781**, 109.
Book Reviews **733**, 121. **868**, 91.
Damage Limitation: A New Strategic Panacea? (C&D) **752**, 111.
Development of Navy Strategic Offensive and Defensive Systems (NavRev) **807**, 204. **813**, 88.
Ph.D. in Uniform (C&D) **770**, 114.
Poseidon and Minuteman **786**, 46.
SABMIS and the Future of Strategic Warfare (Schneider) (C&D) **806**, 93.
Realities of Arms Limitations (NavRev) **831**, 178. **835**, 94.
Weems Naviders (ProfNote) **748**, 162.
Paone, R.M. **559**, 1063. **579**, 549.
The Navy's Response to the Energy Crisis **868**, 33.
Papal Navy: See: Navies--Vatican City State.
Paperbacks, British Martial and Maritime. (BkRev). R.D.S. Higham **687**, 113.
Paperbacks on Modern Warfare (BkRev). H.O. Werner **678**, 161.
Paper Torpedo. R.J. Hanks **795**, 26. **800**, 114. **801**, 125. **805**, 94.
Paperwork
See also: Records; Frost, H.H. **198**, 1324.
Allotment, Current Quarterly. A.H. Bateman **370**, 1732.
Books, Playing Safe with. K.C. McIntosh **375**, 614.
Correspondence, Code for. A.H. Miles **372**, 234. **376**, 837. **377**, 993.
First Endorsement: Forwarded. F. Lee **407**, 62.
How Does Your Correspondence Read? H.S. Dewey **576**, 141. **583**, 991. **595**, 1025.
Initialing the List **421**, 379.
Letter to Garcia. A.E. True **454**, 1718.
Navy Advances in Business Management. L. Lee, Jr. **539**, 43.
Needed--An Information System (ProfNote). J.H. Cook, III: **861**, 118.
Noforms Are the Answer. A.G. Nelson **704**, 66. **707**, 119.
Operation Bottleneck. J.A. Hack **606**, 842.
Operation Snowstorm. F. Lee **596**, 1067. **601**, 317. **603**, 563.
Paper War--Quo Vadis? J. Strong **711**, 35. **716**, 106, 107, 108. **721**, 106. **726**, 104. **729**, 104.
Paperwork and the Breaking Chain of Command **695**, 117.
Paperwork Problems **669**, 110.
Paper Work Versus Brains. J.V. Babcock **385**, 361.
Real Solution for Paperwork Quandary. C.S. Arthur **536**, 1185.
24 Cubic Feet of Supervision (ProfNote). C.F. Willett **663**, 129. **669**, 110.
Tyranny of Red Tape. W.D. Lanier, Jr. **473**, 919. **475**, 1303.
Wellington's Letter re Correspondence **551**, 99.
Weldon, F.: Notes on paper work **197**, 1221.
Papin, G.A.
Sea and/or Air (C&D) **842**, 87. **846**, 99.
Synthetic Flight Simulators (C&D) **857**, 100.
Paracel Islands May Be Site of Communist China Naval Base **827**, 111.
Parachutes
See also: Aeronautics; Aircraft.
Airplane **324**, 158. **334**, 1151. **349**, 441.
Controlled **328**, 555.
Droppers **328**, 555.
Irvin Harness **336**, 263.
Marine Parachute Training. R.H. Williams **461**, 999.
Skysail--How It Works (ProfNote). E.G. Ewing **692**, 156.
U.S. Navy **342**, 1119.
Paraguay
Beauregard, A.T. **463**, 1299.
Chaco Dispute: See: Bolivia.
Revolution, 1923: **247**, 1573.
World War Analogies 50 Years Before. A.T. Beauregard **294**, 862.

Parallel Rule, Sigsbee's Improved. C.D. Sigsbee **20**, 321.
Paravanes. G.L. Catlin **197**, 1135.
Parcells, P.W.: Prestige and the Navy Family (C&D) **745**, 106.
Paredes, V.W.: Television and the War: The Small Picture (Jacobsen) (C&D) **869**, 80.
Parent, D.G.
  Against All Enemies (Hanks) (C&D) **808**, 98.
  Doctrine for Limited War (Beavers) (C&D) **830**, 105.
  Naval Aviators: White Sheep or Black Sheep? (Shown) (C&D) **840**, 89.
  Wetter, Better NROTC (Corey) (C&D) **817**, 94.
Parental Guidance, Soliciting Continued (C&D) **834**, 98.
Parham, S.J. (photog.): Forrest Sherman-class destroyer--May 1975 Cover.
Parham, T.D.: "Stand By To Repel Boarders..." (ProfNote) **817**, 104. **823**, 96.
Paris: Four Capitals in War Time. T.S. Wilkinson **155**, 75.
Paris Air Show, New Aircraft Shown at (ProfNote). J.D. Burlage **778**, 130.
Paris (Fr) **347**, 125.
  Description **138**, 624. **145**, 367.
  Illustration **144**, 1625.
  Launched; description **144**, 1626.
Park, Byeung Soo (artist): Naval Warfare of the Turtle Boats--December 1967 Cover.
Park, P.H. **465**, 1619.
Parke, E.A.: Unique and Vital DER (Pict) **684**, 89.
Parker, E.N.: Fortunes of War (anec) **588**, 159. **599**, 86.
Parker, F.A. **384**, 185.
  Cruise to China in the Brandywine, Saint Louis and Perry, 1843: **136**, 1093.
  The Fleets of the World: The Sail Period **14**, 313.
  Monitor and Merrimac **1**, 177.
Parker, J.I.: Hydrofoil Home for the V/STOL Jet (Clifford) (C&D) **856**, 90.
Parker, J.P.: The Frigate Constitution (Rev) **96**, 723.
Parker, O.B.: Practical Britisher (anec) **601**, 291. **607**, 1021.
Parker, R.C. **446**, 565. **600**, 201. **601**, 321. **606**, 903. **696**, 108.
  Analysis of Air Menace **351**, 649. **355**, 1349.
  Courtesy Is Not Dead (anec) **647**, 31.
  Doctrine for Post-War Training **525**, 1419.
  Evaluating Series of Bearings **371**, 79.
  He Was No Sea Horse! (anec) **561**, 1227.
  Leadership **217**, 323. **687**, 47.
  Make It Yourself **333**, 1012.
  Method of Calibrating Range Finders At Sea **324**, 137.
  One Way to Get 'em Up! (anec) **564**, 157.
  Personal Narrative of Koszta Affair **289**, 295.
  Produce Your Own Casualties? (anec) **597**, 1207.
  Some Special Uses of Smoke Screens **449**, 953.
  Strongest Memory Is Weaker Than Palest Ink **563**, 59.
Parker, R.L. **661**, 101.
Parker, Richard, and Ronald Tarbox, Jr.: Man and Machine **722**, 80.
Parker, S.V. **539**, 79.
Parker, Sir Hyde **441**, 1576.
Parker, T.C.
  Army-Navy Club of Manila **650**, 408.
  Epic of Corregidor--Bataan **479**, 9.
  Interdepartmental Instruction Aboard Ship **438**, 1110.
  Subterranean River of Palawan, P.I. **477**, 1530.
  Thirteen Women in Submarine **569**, 717.
Parker, T.D.
  Evidence **242**, 643.
  Limitation, Pure and Applied **346**, 1677.
Parker, Thomas D.
  An Air Fleet: Our Pressing Naval Want **157**, 709.
  Don't Give Up the Ship **182**, 821.
  Inspection Duty at Navy Yards **142**, 397.
  Naval Inspection Duty in Manufacturing Districts **150**, 355.
  On "a question in discipline" **153**, 1473.
  A Question in Discipline **152**, 1105.
  Romance of Joshua Barney **164**, 1237.
  Ship's Libraries **155**, 143.
Parker, W.H. **409**, 380. **414**, 1167.
Parker, William E.: The Company Officer and His Work **148**, 1577.
Parker (USS)
  Crew Commended for Gallantry **182**, 919. **184**, 1372.
  Description **151**, 866.
Parkes, Oscar **651**, 552. **456**, 300.
  New Soviet Destroyers (ProfNote) **641**, 777.
  Proper Terminology (anec) **673**, 47.
  Ship of the Crusader Period (OldNav) **670**, 160.
  Terrible Emergency (anec) **648**, 157.
Parkhurst, E.G.: Back Fires Through Primers in Cartridge Cases **71**, 619.
Parkinson, C.N.: Pre-1942 Singapore Naval Base **643**, 939.
Parkinson's Laws: The Naval Shore Establishment and Parkinson's Laws. D.A. Morton **868**, 44. **872**, 88. **875**, 72.
Parks, E. Taylor **636**, 219.
Parks, Hays
  Law of War Training in the Navy and Marine Corps **898**, 26.
  Submarine-Launched Cruise Missile and International Law: A Response (ProfNote) **895**, 120.
Parks, L.G.
  Law of--and Under--the Sea **756**, 54.
  Sovereignty and the SLBM (C&D) **769**, 107.
Parks, W.H.
  Book Review **894**, 74. **897**, 93.
  Co-author: See: J.H. Dunn.
  Foreign Policy and the Marine Corps **885**, 18.
Parks, W.M.
  Building Warship in Southern Confederacy **246**, 1299.
  The Care of Boilers in the Navy **30**, 517.
  Training of Enlisted Men of the Engineer's Force **42**, 341.
Parma (sailing ship) **403**, 1370.
Parmenter, H.E.: Method of making the scale for 24-in. sounding tube **101**, 83.
Parmeter, Irving **663**, 112. **665**, 108. **670**, 121. **680**, 100.
  Battle of Sandy Creek (OldNav) **659**, 136.
Parnell, C.L.
  Should Military Unionization be Permitted? **893**, 18. **896**, 70. **897**, 75. **899**, 21. **901**, 115. **902**, 21.
  Gunboats in the Desert **789**, 74.
  Victory in Limited War **796**, 26. **800**, 116, 117, 118. **804**, 92. **805**, 88.
  "Sever" and the Baltic Bottleneck **798**, 26.
Paro, E.E.: Okinawa Operation **515**, 61.
Parrish, L.W.: Reaching Back **450**, 1127.
Parrish, W.C.
  Blood for Our Fighting Men (ProfNote) **798**, 136.
  Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **808**, 101.
Parris Island, South Carolina: Marine Corps Boot Camp (Pict) **606**, 887.
Parry, Albert: Navies in War and in Peace (Gorshkov, Part 2) (C&D) **858**, 90.
Parry, H.L. **513**, 1354.
Parsons: Avenger of Blood **330**, 706.
Parsons, C.A.: Steam Turbine **262**, 2106.
Parsons, E.A.: Needed--a Military Strategy of Mobility **646**, 1263.
Parsons, W.S. **338**, 533. **395**, 98.
  Atomic Energy--Whither Bound **534**, 895. **538**, 1506.
Parsons Turbine Motor **92**, 885.
  Steam Turbine **92**, 914.
Parsons Turbines
  Parsons Geared Turbine Development **166**, 2010.
  Some notes on Parsons Turbine Construction. A.B. Willets **131**, 729.
  Trials 1903: **106**, 499. **107**, 774. 1904: **110**, 432.
Partap, M.
  Don't Offend the Ladies (anec) **776**, 47.
  Everything Was Shipshape (anec) **789**, 51.
  Some Actually by Right (anec) **773**, 69.
Partap, S.M.: My India: Diversity and Harmony (Bindra) (C&D) **796**, 110.
Parthian (HMS) **318**, 718. **319**, 807.
Partlow, R.G.: The Military Mind (C&D) **816**, 81. **826**, 91.
Partnership, The. H.J. Maihafer **771**, 49.
Partridge, Ben **711**, 115.
  White Shelf: Study of Arctic Ice Jurisdiction **703**, 51.
Partridge (HMS): Torpedoed **179**, 171.
Pashley, W.H. **238**, 2218.
Passenger Lines
  Cunard Will Build Third Queen Liner (Nbk) **731**, 137.
  French-Built Liner Yaohua Goes to China (Nbk) **771**, 158.
  Liner Subsidies Opposed by Boyd (Nbk) **786**, 153.
  "...Long Live the Queen." A.D. Clift **782**, 34.
  New Soviet Liner on Sea Trials (Nbk) **742**, 151.
  Queen Mary Sold to Long Beach (Nbk) **776**, 151.
Passmore, L.H. **783**, 109.
  Treaty on Outer Space (ProfNote) **777**, 131.
Pass the Word--Well (ProfNote). W.C. Boggess **811**, 83.
Pasteur (Fr.) **356**, 1525.
Patagonia: Through Patagonia channels and Strait of Magellan: voyage of USS Solace, 1909. (Maps; illus). R. Stone **130**, 455.
Patapsco (U.S.): U.S. Monitor Patapsco (C&D) **794**, 116. **796**, 114. **803**, 104.
Pate, E.W.
  Ill Wind from East **506**, 411.
  Weather and War in Europe **469**, 327.
Pate, R.M. **451**, 1326.
Patents
  See also: Inventions.
  The Navy and Patent Policy (ProfNote). P.C. Russell **847**, 115.
  Procurement of Patents (ProfNote). H.E. Ford **745**, 133.
Pathfinder (HMS)
  Launched; description **111**, 638.
  Trials **114**, 501.
Pathfinder (U.S.) **505**, 315.
Pathfinder of the Seas. J.F. Hellweg **359**, 93. **540**, 219.
Patia (SS): Torpedoed **185**, 1681.
Patnode, W.: Industrial Research and Expanding Navy--An Estimate of Situation **459**, 641.
Patoka (U.S.): Patoka Served as a Flagship **675**, 105.

Patrick, H.A.
Do You Vote? **548**, 1277.
Effect of Combat Commendation Upon Retirement **546**, 957.
Legal Specialist **540**, 205.
Patrick, J.C.: NROTC: Quo Vadis? (Bouffard) (C&D) **898**, 79.
Patrick, J.M. **571**, 1028.
Patrick K.W.: Midshipman Cruises **392**, 1545.
Patrick, M.M. **270**, 1518.
Patrick Henry (Confed.) **409**, 380.
A Realistic Naval College. (illus) J.M. Morgan **162**, 543.
Patrick Henry (U.S.): See: Cover Pictures.
Patrie (Fr. battleship)
Description **120**, 1569.
Patrie Reported Struck by Torpedo **168**, 410.
Patriotism
Importance of **283**, 1838.
Patriotism Through Knowledge. D.M. Bradford William **629**, 789.
Patriotism: Where? (C&D) **835**, 92. **839**, 94.
Patriotism: The Self-Evident Truths. Ed Mason **828**, 30. **832**, 103.
Patrol, Beach: See: U.S. Coast Guard.
Patrol Boats
See also: Submarine Chasers and Patrol Boats.
Israeli Saar FPBs Pass Combat Test in Yom Kippur War (ProfNote). S. Erell **859**, 115.
Navy Sends Plastic Boats to Vietnam (Nbk) **757**, 152.
Patrol Boats Shield Saigon (Nbk) **794**, 157.
Patrol Guerrilla Motor Boats. J. Harllee **734**, 70. **737**, 107. **741**, 111.
PT Boats Return (NewNav). C. Erbsen **737**, 158.
River Patrol Relearned (NavRev). S.A. Swarztrauber **807**, 120. **814**, 83. **820**, 94.
SecNav Unveils Patrol Boats (Nbk) **755**, 150.
Patrol Combatant Missile Hydrofoil (PHM): Requiem for the PHM Program (ProfNote). J.P. Kelly **894**, 74.
Patrol Combatants: Tomorrow's Fleet. J.D. Alden **887**, 121.
Patrol Craft: Small Craft Firepower in Vietnam (C&D). A.W. Wells **758**, 130.
Patrol Duty, River: "Nothing to Report," A Day on the Van Co Tay. R.L. Schreadley **814**, 23.
Patrol Frigates (GtBr) **875**, 80.
Patrol Gunboat, Hydrofoil: USS Tumcumcari (PGH-2) (ProfNote). L. Wells **787**, 130.
Patrols: Shore patrol duty in the navy. S.R. Canine **142**, 657.
Patrol Squadron System: Project WAGON (ProfNote). C.E. White **810**, 121. **818**, 92.
Patrol Torpedo Boats
Defense Against PT-Boat Attack (ProfNote). J.S. Demetry and W.J. Smith **800**, 148.
Mosquito Boats Back (Nbk) **724**, 154.
Navy Reactivates Two Patrol Torpedo Boats (Nbk) **721**, 140.
Patrol Torpedo Boats Planned for Federal German Navy (C&D) **798**, 113.
Pattee, R.S. **643**, 1000. **651**, 552.
Cruise of German Raider Atlantis, 1940-1941: **562**, 1323.
German Raider Kormoran--Sydney's Nemesis **574**, 1299.
Pattern sizes in formation bombing. G.L. Schuyler **334**, 1126. **338**, 533.
Patterson, A.M. **344**, 1405.
Patterson, C.R.
St. Mary's Firing on a Slaver--February 1961 Cover.
Young America **445**, 390.
Patterson, Clayton: Protest at Snowy Beach (Blanchard) (C&D) **837**, 90.
Patterson, D.T. **262**, 2041. **398**, 507.
Portrait **165**, 1468.
West Indian Pirates. C.F. Goodrich **165**, 1469.
Patterson, G.D., III: Should Politics Be Taboo? **715**, 40.
Patterson, G.W.
Le Duc Ballistic Formulae **143**, 885.
On Stability of Smokeless Powder **136**, 1146.
Sarrau's velocity formula, modified for smokeless powder **138**, 531.
Patterson, G.W., III: Britain's Secret Weapon Against Bolsheviks **575**, 39.
Patterson, L.D. **634**, 1382.
Patience: Bedrock of Strategy in the 1960s (C&D) **747**, 112.
Patterson, L.M.: Punishment Enough (anec) **696**, 67.
Patterson, R.E.: Sundowner Par Excellence (Clark) (C&D) **825**, 85.
Patterson, R.O. **607**, 1024. **611**, 90. **614**, 452. **627**, 584. **631**, 1051.
Commander for China **622**, 1366.
Frederick Townsend Ward: Mandarin from Salem **600**, 157.
Masters of War **593**, 751.
Patterson, W.B.: "I am the Two-Headed Ogre..." (Keener) (C&D) **884**, 99.
Patterson, W.C. **642**, 878. **652**, 659.
Let's All Go To Sydney! (anec) **563**, 47.
Patterson (USS) **258**, 1344.
See also: Cover Pictures--February 1957.
Patton, J.B.
Compass correction by azimuth method **152**, 1119.
On "navy yard problems" **143**, 1099.
Patuxent Naval Air Station: Testing the Navy's Planes (Pict). G. Cane **707**, 94.
Patuxent River, Maryland
Naval Air Station (Pict). **596**, 1127.
"Pax River", The Naval Air Test Center (Pict) **802**, 93.
Paulding, H. **306**, 649.
Paulding, Hiram: Port. **186**, 1745.
Paulding (USS) **258**, 1344.
Paul Jones and Lord Selkirk's Plate **70**, 463.
Paul Jones (USS): Trials **103**, 699.
Paullin, C.O.
Administration of the Continental Navy **115**, 625.
Administration of the Massachusets and Virginia navies of the American Revolution **117**, 131.
American navy in the Orient in recent years. (1865-1910): **140**, 1137. **141**, 87.
Beginnings of Naval Academy **252**, 173.
Classes of operations of the Continental Navy of the American Revolution **113**, 153.
Conditions of the Continental Naval Service **118**, 585.
Duelling in the Old Navy **132**, 1155.
Early Naval Administration Under the Constitution **119**, 1001.
Early Voyages of American Naval Vessels to the Orient **134**, 429. **135**, 707. **136**, 1073. **137**, 239. **138**, 387.
Excerpt from "The Administration of the Massachusetts and Virginia Navies of the American Revolution," March 1906: **372**, 39-41.
Excerpt from "Classes of Operations of the Continental Navy of the American Revolution," March 1905: **872**, 26-29.
Excerpt from "The Conditions of the Continental Naval Service," June 1906: **872**, 19-22.
Excerpt from "Origin of the Continental Navy," November 1927: **872**, 18-19.
Half a Century of Naval Administration in America, 1861-1911: **144**, 1309. **145**, 165. **146**, 735. **147**, 1217. **148**, 1469. **149**, 111. **150**, 419. **151**, 673. **152**, 1059.
Naval Administration, 1842-1861: **124**, 1435.
Naval administration under the Navy Commissioners, 1815-1842 (Ports) **122**, 597.
Naval administration under Secretaries of the Navy Smith, Hamilton and Jones, 1801-1814 (Portraits). **120**, 1289.
Origin of Continental Navy **297**, 1158.
Plan of Annapolis, 1781: **305**, 569.
Report of John Paul, master of the ship John **162**, 523.
Services of Commo. John Rodgers in our wars with the Barbary corsairs **128**, 1141.
Services of Commodore John Rodgers in the War of 1812. (1812-1815): **130**, 473.
Voyage of Ontario, 1817-19: **444**, 213.
When was our navy founded? A Criticism of A.C. Buell's "Paul Jones, founder of the American Navy." **133**, 255.
Paul Revere (U.S.): See: Cover Pictures--November 1959; New Navy.
Paulsboro (SS)
Crew Praised for Gallantry **185**, 1675.
Sinks U-boat **182**, 920. **183**, 1148.
Paulus, L.A. **424**, 812. **450**, 1104.
Address (168 B.C.) on Military Critics **316**, 571.
Pausner, J.J., Jr.: "So You're the PIO!" (ProfNote) **652**, 676.
Pavia, B.R. **711**, 122.
"Pax River": See: Patuxent River Naval Air Station.
Pay Bonus for Submarine Service (Nbk) **796**, 155.
Pay
See also: Personnel.
Allowances, Pay
Spanning the Leadership Gap: A Dual-Track Pay Scale (C&D) **857**, 103.
The Tangible Incentive. S.M. Sandlin **766**, 84. **770**, 108.
Cordiner Committee Story. D.J. Carrison **659**, 1.
Credible Incentive. W.A. Golden **737**, 75. **740**, 92, 94, 97. **742**, 107, 110, 111.
Effect of Sea Pay on Retention (ProfNote). D.h. Gress **849**, 117.
Let's Stop Subsidizing Non-Rated Men Who Marry. G.A. Waldrop **717**, 55.
Military Officer Bonus Pay (ProfNote). A. Van Saun **806**, 123.
Money--the Oldest Status Symbol. L. Goulet **712**, 65.
Naval Aviation Officer: Is Flight Pay Really Needed? (C&D) **849**, 93.
New Look in Chief Petty Officers (ProfNote). J.R. Heinzel **671**, 129.
Overseas Station Allowances (ProfNote). W.W. Brehm **695**, 152.
Pay and Prize Money in Old Navy, 1776-1899. R.W. Daly **546**, 967.
Paying Combantants in Foreign Wars. J.L. Seligman **407**, 42.
Responsibility Pay for Officers. E.R. Zumwalt, Jr. **669**, 87.
Status of Retired Officers. J.K. Taussig, Jr. **781**, 72.
Who Gets the Gravy While the Navy Gets the Beans (NAMB) **888**, 70. **889**, 82.
Payson, Harold, Jr. **687**, 103. **688**, 110.
Payton, M.T. **571**, 1035.
PCE(R) Risky Rescue. F.S. Bayley, Jr. **578**, 359. **584**, 1105.
Peace

Peace (Cont.)
See also: Peace Plan, Disarmament, Limitation of Armaments.
Adventures in Futility. J.M. Sheehan **547**, 1087.
American Way of Peace or War. C.A. Weil **483**, 674.
Armament by Example and Arbitration. E.S.R. Brandt **269**, 1152.
By Treaty **344**, 1410.
Caravan Tourists **345**, 1594.
Choose Peace or War. W.N. Thornton **380**, 1377.
Does the World Want Peace? (Int.Aff) **335**, 129.
Do We Really Want Peace? W.L. Taylor **571**, 981.
Film: Quoted **346**, 1747.
Healthy Attitude Towards Peace. S.S. Stratton **515**, 53.
How Peace. T.L. Gatch **331**, 820.
Italy: Chamber of Deputies re **352**, 927.
Limited War—Limited Peace? E.J. Carroll, Jr. **766**, 30. **774**, 109.
Meeting in Paris Resented **347**, 142.
No More Vietnams? W.L. Beaulac **837**, 18.
On Prevention of War. A.H. Rooks **302**, 257.
Operation World Peace. E.E. Wilson **628**, 652.
Pacific Problem, Practical Approach to. B.C. Allen **499**, 1137.
"Peace!"—the Call of the Sirens. S.E. Jones **624**, 149.
Peace-Time Artificiality. F.G. Percival **382**, 1665.
Pressures Against Peace. R.T. Strong **399**, 625. **407**, 99. **412**, 869.
Price of Peace. H.B. Brownson **358**, 1771.
Ready Power for Peace—The U.S. Seventh Fleet. G.P. Steele, II: **875**, 24.
Sea Power and Peace. E.M. Eller **536**, 1161.
Sea Power and World Peace. H.G. Brownson **418**, 1689.
United Nations Peacekeeping. R.J. Barrett **751**, 37. **755**, 110.
"Vietnams and Munichs". G.E. Lowe **764**, 62. **767**, 97.
War and Peace. R.E. Krause **418**, 1724.
War and Peace in Other Days. J.M. Scammell **358**, 1754.
When Peace Comes. H.F. Cope **480**, 165.
World Foundation in Error **346**, 1746.
World War **220**, 970. **222**, 1311. **224**, 1668.
World War II: Possible Peace Terms. W.L. Rodgers **450**, 1088.
Peace Corps: America's Built-in Peace Corps **721**, 104.
Peace Negotiations: The Foot of a Duck. D.L. Martin and A.D. Nastri **890**, 24.
Peacetime Duties of Armed Services. R.A. Hall **520**, 781.
Peace-time Navy
Navy. R.E. Coontz **243**, 747.
Navy a National Investment. W.S. Wharton **261**, 1833.
Navy and Business. R.E. Coontz **232**, 987.
Navy Strives for Peace. L.M. Overstreet **284**, 2060.
Our Navy and Our Nation. C.F. Adams **332**, 886.
Our Navy in Peace. E.E. Marshall **348**, 191. **350**, 610.
Peace-time Navy and Merchant Marine. P.V.H. Weems **236**, 1731.
Peace-time Services and Costs of Navy. H.E. Yarnell **259**, 1499.
This Far-Flung Navy. R.D. Conrad **292**, 674.
Peacock (U.S.) **473**, 967.
Cruise of the Peacock, 1815: **134**, 442.
Cruise to the Orient, 1832-4: **135**, 716. 1834-7: **135**, 721.
Historic Ships of Navy. R.W. Neeser **417**, 1581.
Peacock (U.S.) and Epervier (Br.) **417**, 1581.
Peacock (Br.) and Hornet (U.S.) **401**, 943.
Peacock and Hornet Engagement: Drawing **175**, 2023.
Pearce, R.E. **588**, 201.
Pearl Harbor
See also: Hawaiian Islands; Old Navy.
USS Colorado: the "Other" Battleship. G.F. Shrader **886**, 46.
Description of Pearl Harbor Drydock 1916: **165**, 1688.
The Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
Dillingham, W.F. **327**, 403.
The Drydock at Pearl Harbor. E. Murphy **129**, 302.
Ford Island (Pict). J.E. Wise, Jr. **740**, 77.
"A Hell of a Christmas." C.C. Smith **790**, 63.
How Young We Were. P.B. Ryan **790**, 26. **795**, 108.
I Remember Pearl Harbor. J.K. Taussig, Jr. **838**, 18. **842**, 91. **844**, 96. **847**, 97, 98. **851**, 80.
Last Days of Peace in Pearl Harbor (C&D) **826**, 85. **833**, 104. **837**, 89. **844**, 92.
Official Opening of Drydock **200**, 1786.
Oklahoma: Up from the Mud at Pearl Harbor (Pict) **874**, 44. **878**, 86. **882**, 81.
The Other Side of the Island: USS Utah at Pearl Harbor. M.S. Eldredge **886**, 52.
Out of the Darkness. S.B. Young **754**, 86.
Pearl Harbor and the Colorado, Nevada, Taney, and Utah (C&D) **887**, 84.
Plans for Completion of Drydock **153**, 1505.
A Quarter Century Ago (Pict) **766**, 110.
Ship That Sank From Fright (OldNav). M. Featherman **838**, 84. **845**, 97. **847**, 88.
USCGC Taney: Still in Service 35 Years Later. Carl and Nell Kraft **886**, 50.
They Were Ready (OldNav). D.J. Morgan **850**, 80.
Under Water at Pearl Harbor. C.J. Merdinger **886**, 48.
U.S. Navy Acquires Land at. **101**, 132, 133.
We Four Ensigns. B.H. Brittin **766**, 106.
Pearl River Log, Different Navy, Different World. J.P. Clay **811**, 58.
Pearson, G.: Parade Rest! (anec) **622**, 1335.
Pearson, I.D.C.
Against All Enemies (Hanks) (C&D) **808**, 99.
ASW vs. AAW, a Question of Direction **805**, 64. **811**, 93.
Pearson, K.G., and A.L. Holden: Manila (abaca) Fiber for World War II: **507**, 525.
Pearson, L.M. (BkRev) **769**, 118.
Pearson, M.E.: Fortunately for Rome (anec) **771**, 37.
Pearson, Richard, Captain, Royal Navy: The Captain and the Convoy (OldNav). S.W. Bryant, Jr. **881**, 69.
Peary, R.E. **206**, 647. **234**, 1315. **431**, 10. **476**, 1375. **564**, 209.
Application for First Job **412**, 864.
—at the North Pole. H.C. Mitchell **674**, 64.
Peary and the North Pole, The Lingering Doubt. D. Rawlins **808**, 32. **814**, 87.
Peary and the North Pole: Not the Shadow of a Doubt. E.P. Stafford **826**, 44.
Pease, R.S. **483**, 722.
Peattie, M.R.: Akiyama Saneyuki and the Emergence of Modern Japanese Naval Doctrine **887**, 60.
Pechulis, J.J.: Future of the Coast Guard (Heckman) (C&D) **793**, 109. **797**, 113. **787**, 114.
Peck, C.R.: Engineering Duty Officers: the Dwindling Muster **754**, 46. **757**, 113. **761**, 117, 119.
Peck, F.W.: Suggestions for Training of Volunteer Naval Reserve **434**, 503.
Peck, G.C. **590**, 437.
Peck, J.F. **705**, 113.
Peck, S.E.: Navigation of Rigid Airships **366**, 1150.
Pecori-Giraldi, G.: Arrangements for Loading Heavy Naval Guns. Tr. by H.P. McIntosh **131**, 986.
Pecos Died Hard. E.P. Abernethy **802**, 74. **810**, 102, 103.
Pedersen, J.C.: Soviet Reporting of the Cuban Crisis **752**, 54.
Pedigo, M.K. **698**, 102.
Pedneault, H.R.: Take Care of Your Men (C&D) **736**, 117.
Peeke, C.E.B.
For Sugar Boats or Submarines? (C&D) **789**, 108.
Lord of the Californian (C&D) **784**, 109.
Peel, M.A., Jr.
and L. Lee, Jr.: Navy's Inventory Control Program **537**, 1363.
Fleet Issue of Provisions **481**, 358.
Fleet Service Unit Concept **536**, 1199.
War-Making Must Be in Hands of Those Who Hate War **543**, 537.
Peet, R.E.: Bainbridge, Comments on. (Pict) **725**, 90.
Peet, Ray, and M.E. Melich: Fleet Commanders: Afloat or Ashore? **880**, 25.
Pegase (Fr.) **354**, 1224.
Pegasus (PHM-1): The Patrol Hydrofoil Ship (ProfNote). E.H. Ashburn **887**, 101.
Pegasus (Eng) **348**, 208.
Pegues, J.K.: On the Treadmill to Pearl Harbor: The Memoirs of Admiral James O. Richardson (Abbazie) (C&D) **862**, 85.
Pei-ho Episode: See: Blood is Thicker than Water.
Peiho Forts, Battle of. (1859)
New light on the "Blood is Thicker than Water" Episode. E.S. Maclay **152**, 1085.
Water color sketch of the battle of Peiho Forts **152**, 961.
Peirce, H.J. **290**, 457.
Peking, Siege of: Military Operations and Defenses of Siege of Paking. J.T. Myers **103**, 541.
Pelée, Tragedy of. F.E. Evans **427**, 1320.
Peleliu Islands: They Were All Giants at Peleliu. C.M. Blackford **572**, 1115.
Pelican (Br.) and Argus (U.S.) **414**, 1150. **435**, 659.
Pelican (USS) **274**, 2258.
Cruise of the Nancy. J.C. Alderman **651**, 519.
Pelikaan (ship) **240**, 344.
Pell, C.: Coast Guard in War **478**, 1744.
Pell, Claiborne, and Fitzhugh Green: Sea Grant College Program (ProfNote) **775**, 143.
Pell, J.: Our Post-War Opportunity **508**, 689.
Pellett, C.R.: The Rambler (C&D) **771**, 125.
Pellock, L.E.: Piloting Techniques (ProfNote) **816**, 99. **820**, 92.
Peloponnesian War: Phormio: The First Naval Tactician. A.G. Nelson **722**,

88.
Pelorus, A Change in the. B.A. Fiske **98**, 371.
Peltier, D.W., III: Know Your Men, Know Your Business, Know Yourself (Bach) (C&D) **859**, 90.
Pen and the Sword (Pict). Fred Freeman **826**, 60.
Penang: When the Emden Raided Penang. (Map) **156**, 666.
Pence, H.L. **372**, 247.
Material Procurement Planning **346**, 1653.
Pendergast, Herbert: United States Navy for the Future (Smith) (C&D) **820**, 81.
Pendergraft, V.: Antarctic Humor (anec) **694**, 81.
Pendleton, Camp: See: Pictorial Section.
Pendley, W.T. (BkRev) **757**, 128.
The Current Fitness Report: Howgozit? (ProfNote) **889**, 101. **893**, 90. **894**, 66. **895**, 81. **896**, 71. **899**, 87, 88.
Project WAGON (White) (C&D) **818**, 92.
Pendulum Rule **837**, 19.
Penelope (HMS): Damaged in Engagement Off Lowestoft **163**, 1038.
Penfold, J.B.
Bring 'Em Back Alive--Navy Style **507**, 499.
Danger Clouds Over Dardanelles **530**, 391.
Explorer That History Forgot **502**, 1473.
Japan's Rambling Balloon Barrage **534**, 963.
Peace Insurance--Double Indemnity **517**, 377.
Verdict is "Guilty" **519**, 675.
War Problems a Specialty **516**, 239.
"Pen is mightier than sword" **361**, 439.
Peniston, R.C.: The Disadvantaged Navy Woman (Hoover) (C&D) **897**, 77.
Penn, A.M.: Engineering Duty Only **338**, 497.
Pennants: See: Flags.
Penney, F.F. **654**, 893.
Pennington, W.D. **574**, 1380.
Pennoyer, F.W.: Deflated Afloat (anec) **774**, 43.
Pennoyer, R.G.: Rigid Airships in U.S. Navy **230**, 517. **238**, 2135.
Pennsylvania
Hog Island Shipyard **201**, 1921. **202**, 2086. **328**, 552.
Pennsylvania Nautical School **355**, 1280.
Philadelphia, Pa. Navy Yard **340**, 854.
Pennsylvania (SS) **318**, 723. **322**, 1071.
Pennsylvania (U.S.) Ship-of-the Line **428**, 1429. **531**, 587. **543**, 640.
Correction **425**, 1083.
Trials, 1905: **113**, 235.
U.S. Navy in 1842, as Seen by a Britisher (OldNav). J.S. Buckingham **767**, 142.
Pennsylvania (U.S.) (2nd) (BB-38) **815**, 36.
Description **145**, 392. **146**, 865.
Illustration **145**, 361.
Illustration of 14-in turret **182**, 853.
Launched; description **157**, 930.
Photograph, with the Wyoming **174**, 1671.
Plans **144**, 1664.
Ships of the U.S. Navy (illus). R.W. Neeser **157**, 876.
Trials **162**, 584.
Penny, J.N.: Bravo Charles! (anec) **682**, 52.
Pensacola, Florida
Alma Mater of Naval Aeronautics. J.L. Seligman **421**, 344.
Cradle of Naval Aviation. J.B. Smith **615**, 553.
Naval Air Station (Pict) **615**, 552.
Naval Aviation Museum at (ProfNote). W.R. Davenport **782**, 122.
Pensacola Aviation Station: Concentration of Naval Aviation at Pensacola (1914): **150**, 596.
Pensacola Naval Aviation Museum: What You Don't See **842**, 112.
Reaching Back. L.W. Parrish **450**, 1127.
SNJ's Over Pensacola: See: Cover Pictures--May 1954.
Tide at Pensacola. H.A. Marmer **476**, 1427.
U.S. Naval Aviation Museum (Pict) **866**, 66. **870**, 91.
Pensacola Naval Air Station
Course of Training for Naval Aviators. D.C. Ramsey **289**, 303.
Flight Training of Student Aviators. B. Studley **293**, 764.
Naval Aviation Training. J.J. Raby **271**, 1646.
Progress at Pensacola. D.M. Carpenter **318**, 693.
Pensacola (USS) **328**, 505. **330**, 752. **337**, 399. **341**, 967. **344**, 1416. **383**, 36.
Mallory's Mishap: The U.S. Sloop Pensacola (OldNav). E.F. Dibble **887**, 70.
Pentagon Reorganization: Phase Three. J.R. Probert **623**, 51.
Penza (SS) **232**, 1014.
Penzance (HMS) **326**, 340.
People Factor, The. T. Shepard, Jr. and A. Slaff **769**, 76. **773**, 107. **774**, 105. **776**, 109. C&D: **779**, 102. **783**, 107.
People, the Navy's Most Critical Resource. C.W. Tarr and P.C. Keenan, Jr. **885**, 45.
People's Role in War. H.H. Frost **172**, 1113.
People-to-People Program, U.S. Navy's. W.A. Platte **689**, 55.
Pepper, W.M., Jr.: Circles for Zig-Zags **613**, 319.
Peppermint Oil **241**, 511.
Pepys, S.
Samuel Pepys, Naval Administrator Extraordinary. J.M. Sheehan **545**, 865.
Ship Models **429**, 1553.
Peral, Isaac, and His Submarine. C.H. Hilton **645**, 1194. **650**, 444.
Peralba, Joaquin: Take Your Own Bearings (anec) **630**, 895.
Percival, F.G. **283**, 1775. **349**, 415. **393**, 1687. **460**, 855. **471**, 703. **483**, 719.
Cruiser Problem **327**, 387.
Cruiser Quotas at 1935 Conference **337**, 373.
Cruiser Types **289**, 278. **293**, 798.
Elements Contributing to Aerial Superiority **338**, 437.
Fisher and His Warships **438**, 1097. **443**, 97. **444**, 307.
Future Cruisers **456**, 163. **458**, 554.
Future Fleet **462**, 1075.
Future Naval War **454**, 1699.
Naval Academy Entrance Requirements **473**, 922.
Peace-Time Artificiality **382**, 1665.
Readjustment to New Weapons **318**, 661.
Speed of Battleships **314**, 273. **318**, 714, 730. **320**, 893. **321**, 977. **328**, 537.
Small Cruiser **387**, 641.
Threat and Opportunity **446**, 477. **448**, 868.
Tirpitz Technique **439**, 1245.
Wanted: New Naval Development Policy **483**, 655.
What This War Means to U.S. Navy **466**, 1701.
Percival, J.: Captain "Mad Jack" Percival. A. Westcott **385**, 313. **388**, 855.
Percival, John "Mad Jack": See: The First Time (OldNav).
Perennial Fallacy. A.N. Glennon **694**, 55.
Perfect Day. R.S. Lawson **364**, 864.
Performance
Attitudes: the Secret of Superperformers (Rep. from Industry Week) **860**, 75.
It's All Relative (ProfNote). W.R. Harris **832**, 122.
Percert, Navicert and. F.J. Nelson **460**, 825. **463**, 1311.
Perico, Battle of. P.J. Searles **464**, 1411.
Periodicals
Bibliography of **707**, 150.
Professional and General Periodicals for Naval Officers. K.W. Sayers **789**, 118.
Periscopes **254**, 658. **289**, 355.
Abolition of the Periscope **164**, 1313.
Detection of Periscopes in the Water **187**, 2248.
Development of the Periscope for Submarines **149**, 1211.
French Telescopic Periscope (1902): **102**, 327.
A New Periscope Lens (1909) (illus) **132**, 1304.
The Parodi Periscope **163**, 970.
The Periscope **184**, 1404.
Sous-marins sans periscope **163**, 972.
French Periscopes **156**, 573.
Perkins, C.E.: Working Division **371**, 21. **373**, 407. **375**, 689.
Perkins, C.P.: The Cruise of the Alliance in Search of the Jeannette **35**, 701.
Perkins, C.M. **324**, 142.
Perkins (Comdr.) **343**, 1194.
Perkins, F.M.: Is Fleet Strategically Concentrated? **237**, 1883.
Perkins, T.W.: Naval Air Training: A Change Is Needed (Wright) (C&D) **815**, 83.
Perlman, Benjamin: Unknown Ship (OldNav) **817**, 78.
Permanent court of International Justice. See: Hague.
Pernal, J. **561**, 1293.
Perrill, C.K.: Forgotten Island **412**, 799.
Perrill, H.P. **294**, 873. **347**, 105.
On Marvell's "Development of method of finding line of position." **146**, 829.
Perring, W.G.A.: Propelling Machinery and Running Costs of Ships **258**, 1348.
Perrott, John: Under Suspicion (anec) **811**, 33.
Perry, E.B. **665**, 104. **669**, 104. **680**, 101. **684**, 104. **687**, 101. **691**, 112. **693**, 111. **696**, 107. **698**, 107. **700**, 99. **702**, 102. **704**, 120. **711**, 123. **713**, 128. **720**, 116, 118, 119. **722**, 120. **730**, 118, 120.
See also: Welch, P.P., Joint author.
All Is Lost but Honor **426**, 1107, 1236. **429**, 1641.
American-Flag Merchant Marine Mite (ProfNote) **770**, 140.
American Merchant Marine--It Had Past; Has It Future? **540**, 145.
Automation: The Bitter Pill (C&D) **780**, 106.
Can We Afford It? **562**, 1335.
Cargo Ship Design (C&D) **773**, 110.
Cunard Will Not Compete in Superliners (ProfNote) **710**, 142.
Do We Really Need a U.S. Merchant Marine? **753**, 59. **760**, 121.
Edsall on Relief **438**, 1128.
FDL Surfaces Again (C&D) **787**, 112.
Land Bridge: From Sea to Shining Sea (Saunders) (C&D) **801**, 127.
Merchant Ship Is No Lady **601**, 281. **609**, 1249.
Navigational Lights Can Be Legal (ProfNote) **688**, 151.
No Substitute for Good Seamanship (ProfNote) **704**, 139.
Notes from Submarine Divisions, Asiatic **322**, 1031.
Our Merchant Fleet Is In Trouble **711**, 79. **720**, 116, 118, 119. **730**, 120.
Our Privately Owned Merchant Marine Today and Tomorrow (ProfNote) **711**, 148.

Perry, E.B. (Cont.)
Pyrometry Applied to Submarine Diesel Engines **336**, 210.
The Replacement Program for Subsidized Freighters (ProfNote) **726**, 128.
Shipping Terms Common to the Merchant Marine and Informative to the Navy (ProfNote) **647**, 109.
Ship Manning: How Far Should We Go in Cutting (C&D) **769**, 116. **776**, 103.
Siege of Tsingtao **316**, 524.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **748**, 115.
Some Hows and Whys in Electric Meter Calibration **312**, 118.
Some Whys and Wherefores of Power **285**, 2253.
A Southwest Passage? (Gibbs) (C&D) **800**, 104.
Statistical Analysis of the World's Merchant Fleets (ProfNote) **666**, 136.
Three Texas Mules and the Navy **682**, 66.
Tin Can Navy, In the (anec) **800**, 67.
U.S. Merchant Marine and Obsolescence **659**, 62. **665**, 104, 106.
Vietnams and Munichs (C&D) **767**, 97.
Why Not Another Mariner Class of Merchant Ship? (ProfNote) **779**, 129. **786**, 117.
Perry, J.M.
Disaster on the Delaware **707**, 84.
U.S. Sloop of War Wasp **696**, 84. **701**, 99.
Perry, L.S.: Three Veterans of U.S. Navy **339**, 632.
Perry, M.A.: Local Apparent Noon Graph **532**, 712.
Perry, M.C. **216**, 215. **219**, 685. **347**, 62. **356**, 1464. **374**, 495. **376**, 862. **622**, 1390.
See also: Cover Pictures--July 1953.
Biddle, Perry, and Japan. R.A. von Doenhoff **765**, 78.
Commodore Perry and Bonin Islands. H. Kublin **589**, 283.
Great Lew Chew Island. B.S. Bullard **532**, 705.
Japan, Opening of (Pict) **605**, 773, 815.
Perry, O.H. **327**, 373. **348**, 254.
See also: Cover Pictures--November 1963; Neeser, R.W. **147**, 921.
Commodore Oliver Hazard Perry of Newport, Rhode Island. F.L. Oliver **617**, 777.
Duel with Captain John Heath **132**, 1172.
Perry's Niagara Under Restoration (Nbk) **721**, 140.
Victory **343**, 1291.
Perry, R.E.
Correction to Unitas X (Pict) **814**, 85.
A Higher Authority? (anec) **897**, 68.
Pictorial--A Destroyer Named Smith (Sumrall) (C&D) **837**, 87.
Them and Us (anec) **884**, 65.
Perry (USS) **343**, 1258.
See also: Cover Pictures--September 1960.
Cruise to China, 1843: **136**, 1093.
Trials **102**, 386. **103**, 699.
Persee (Fr) **350**, 617. **357**, 1676.
Perseus and Sphinx, or Science and War. J.M. Scammell **288**, 179.
Pershing, J.J. **261**, 1933. **342**, 1132. **356**, 1520.
General order to U.S. troops on arrival in France **174**, 1878.
Photograph **174**, 1861.
Persia **274**, 2401. **276**, 384. **331**, 874. **357**, 1684.
Persia (SS): Torpedoed **161**, 290.
Persian Gulf
Bahrain, Pearl of the Persian Gulf. K.A. Semmes **759**, 90.
The Case for Foreign Military Sales in American Persian Gulf Strategy. W.C. Remick **887**, 18. **890**, 84.
Persian Gulf Could Become East-West Confrontation Area (Nbk) **845**, 119.
Persian Gulf Nations Get Arms from U.S. to Assure Oil Flow (Nbk) **846**, 124.
Stability in the Persian Gulf. V.J. Croizat **845**, 48.
Persic (SS): Reported Torpedoed **188**, 2465.
Personal Affairs: Waiting Wives. K.P. O'Beirne **883**, 28. **887**, 80, 81. **888**, 81.
Personality
Personality Disorders: The Walking Wounded. W.E. Piper **81**, 50. **857**, 89.
Personality Plus-in Warships. W.A. Dyer **327**, 379.
Question of Personality. R. Hargreaves **704**, 80.
Personnel
See also: Naval Personnel; Pay.
Academician in Naval Profession **361**, 416.
Crew, W.H. **354**, 1110.
Accommodations--the Squeeze Play. R.L. Tarbox, Jr. **730**, 52. **762**, 120.
Age Requirement for Recruits **203**, 123.
Allegation of Snobbishness. B.B. Wygant **202**, 2013.
Allowance **344**, 1416.
"Americanization" of U.S. Navy. M. Radom **408**, 231.
America's Built-in Peace Corps **721**, 104.
Angle of Recruiting. L.M. Stevens **313**, 217.
Aptitude Screening of Naval Recruits (ProfNote). H.J. Connery and R.R. Waite **744**, 143.
Are Any Sailors in Navy? **359**, 109. **360**, 270. **355**, 1267.
Loomis, A.F. **355**, 1267, 1392. **357**, 1688. **358**, 1795, 1796, 1844.
Armed Guard: Navy Stepchildren. B.L. Britton **538**, 1495. **584**, 1103.
Arms and Man. R.Z. Johnston **299**, 26.
Art of Being an Executive Officer **628**, 698.
Aspects of Pay Bill, 1927. J.P. Bowden **298**, 1267. **302**, 307.
Assignment to Duty **206**, 625.
ASW Replacement Air Group (ProfNote). J.R. Williford **707**, 145.
At Turn of Century--Do You Remember? (Pict) **614**, 437.
Average Naval Officer. R.F. Armknecht **250**, 2040.
Aviation Medicine and Application to Naval Service. R.G. Davis **284**, 2011.
Bachelor Looks at Navy Pay Bills. H.A. Rochester **270**, 1455.
Beachmasters--the Amphibious Combat Traffic Cops (ProfNote). D.W. Orahood **763**, 140. **767**, 98.
Better Iron Men for Navy. L.J. Gulliver **328**, 527.
Black-Shoe in a Brown-Shoe World. A.G. Nelson **809**, 57. **813**, 89. **814**, 83.
Bluejacket's Manual, 1902: Hoist Ashes or Something. D.M. Robinson **617**, 747.
Bonus, Reenlistment **205**, 457.
Both sides of picture. J.O. Hoffman **321**, 938.
Britten Bill. F.S. Craven **354**, 1127.
Bulwarks of Brawn and Brain. C.A. Tinker **298**, 1272.
Bureau of Naval Personnel: Pictorial **556**, 693.
Career, Choice of, within Navy. R. Gerber **604**, 621.
Career Dilemma of the Naval Reserve Surface Line Officer. D.L. Woods **767**, 50. **771**, 120.
Career Man. J.T. LeBarron **623**, 19.
Career Officer Problem **626**, 455.
Career Retention and the Division Officer (C&D). T.C. Grzymala **764**, 130.
Case Against Contributory Retirement. J.J. Ford **730**, 86.
Case for Case Histories **627**, 588.
Case For Contributory Retirement. J.G. Carl **730**, 78.
A Case for Stabilized Crews in Destroyers. S. Dombroff **728**, 76. **734**, 113.
Changing Role of the Officer of the Deck (ProfNote). N. Brown **835**, 112.
Chief Petty Officer: Let's Check Our Navigation. W.J. Stanley **610**, 1296. **616**, 688.
Chief Petty Officer, Post-War: Closer Look. R.M. McKenna **550**, 1481. **556**, 708. **558**, 942.
Chief Petty Officer Promotion System. J.M. Steele **362**, 532.
Civil Careers for Ex-officers **204**, 273.
Civil Engineering. L.E. Gregory **296**, 1097.
Civil Engineer in Navy. L.E. Gregory **308**, 893.
Civil Engineers. G.A. Duncan **325**, 209.
Civilian Navy. F.H. Featherston **765**, 99. **768**, 116. **770**, 116.
Civil Liberty, Navy and. W.B. Prendergast **548**, 1263.
CNO--Past, Present, and--Future? H.W. Baldwin **726**, 33.
Commander in Chief. A.E. True **457**, 337.
Commanding, recruiting, and medical officers, vs. desertion. J.S. Taylor **215**, 39.
Commissioned Naval Personnel Problems. D.W. Taylor **261**, 1771. **264**, 280.
Commissioned Personnel Situation, Our, Some Reflections on. J.K. Taussig **432**, 204. **433**, 452. **436**, 883.
Commodore Comes Back. C.J. Zinn **485**, 956.
Commodore for Captain? M.E. Murphy **432**, 199. **435**, 730.
Complete Recruiter. J.C. Van Cleve **257**, 1627.
Creative Brainpower: Navy's Latent Resource (ProfNote). R.L. Bothwell **714**, 133.
Deep Draft and Major Command Selection. M.W. Cagle **777**, 48. **780**, 104.
In Defense of Military. R.J. Lauer **547**, 1135.
Departmental Numerical Rating Personnel Lists **718**, 111.
Dilemma of the Junior Officer (ProfNote). A.M. Osbourne **830**, 120. **835**, 94.
Discipline: See: Discipline.
Distribution of the Line Officer. R.J. Badger **720**, 79.
Distribution of Officers. T.H. Robbins, Jr. **364**, 805.
Doctrine for Post-War Training. R.C. Parker **525**, 1419.
Dogs and Sailors Keep Off! L.B. Blair **572**, 1095.
Duty in Washington (ProfNote). J.S. Oller, Jr. **747**, 145.
The E-8/E-9 Selection Process (ProfNote). E.C. Hughes **755**, 136.
Education: See: Education.
Education of the Line. R.B. Kelly **682**, 48.
Efficiency **251**, 113. **348**, 279. **351**, 750. **352**, 902.
Emergency Use of Retired Officers **725**, 110.
Engineering Duty Officer in Navy Today. R. Gerber **589**, 293. **594**, 906.
Engineering Duty Only. A.M. Penn **338**, 497.
Engineering Officer Personnel Problem. W.S. McClintic **223**, 1355.
England: Director of Personal Services **357**, 1674.
Enlisted Man, Navy. E.A. Gibson **620**,

1093.
Enlisted Men, Marking of. R.O. Lucier **406**, 1689. **411**, 708. **414**, 1165.
Enlisted Men's Families. T.P. Riddle **431**, 83.
Enlisted Personnel, Administration of. E.F. McCartin and A.M. Bledsoe **415**, 1272.
Equalization: The Muddle. A.B. Court **361**, 357.
Examinations for Promotion. J.R. Haile **355**, 1264. **358**, 1800.
Faults of present scheme of promotion. O.C. Badger **207**, 719.
The Fifth Man. C.G. Rucker **755**, 86.
Fitness records and selection for promotion. C.M. Cooke, Jr. **339**, 647.
Fitness reports of officers. J.O. Richardson **252**, 214. **257**, 1128.
Fleet Naval Reserve vs. Retirement. D.A. Frost **400**, 809.
Former Military Men Have a Place in Defense Industry (C&D) **834**, 91.
Forty Years After. A.B. Clements **203**, 87.
Four to Seven Year Enlistment. E.S.R. Brandt **255**, 771.
FRAMP Training (C&D) **811**, 94.
French Recruiting System **295**, 1006.
From Admiral to Midshipman. R.H. Sprince **645**, 1188.
Give Them a Goal, Not Gold Braid. J.E. Oglesby **647**, 9. **668**, 103.
Gold Braid, Case for. W. Winter **555**, 545.
Golden Age of Navy Chaplaincy. W.W. Edel **256**, 875.
Grade of Admiral in Navy. L.H. Bolander **291**, 567.
Grow the Green Grass Here. G.H. Gardner, Jr. **636**, 137.
Growth of Naval Officers. F.A. Todd **355**, 1325. **358**, 1799.
Hearings Before House Naval Committee **205**, 458.
Here's One Answer **656**, 1120.
Higher Standard. D. Williams **372**, 171.
History, Tradition, and the Naval Reserve (ProfNote). H.N. Kay **707**, 146.
Holloway Plan--Summary View and Commentary. J.L. Holloway, Jr. **537**, 1293.
How Naval Bases Can Sell Sailors Short. J.C. Shaw **584**, 1083. **590**, 439. **594**, 907.
How to Combat Loss of Junior Officers **680**, 103.
How to Stay Afloat in a Personnel Quandary (ProfNote). W.R. Thomas **854**, 119. **860**, 85.
Human Engineering in Navy. P.S. Lincoln **397**, 352. **400**, 866. **401**, 1031. **407**, 104.
Incentive: On Serving One's Country. O.D. Waters, Jr. **600**, 168. **607**, 1019.
Incentive in Junior Grades. W.A. Edwards **295**, 962, 1000.
Indoctrination of Recruits. J.M. Scammell **247**, 1447.
Informalities: New Look. W.J. Miller **583**, 955.
Involuntary Recalled Naval Reservist **713**, 114.
Is Enactment of Britten Bill Desirable? J.K. Taussig **298**, 1256.
Is Experience Enough? J.T. Rigsbee **716**, 41.
Is the Versatile Line Officer Obsolete? W.D. Brinckloe **676**, 27. **684**, 97. **698**, 110.
Japanese Navy Promotion **355**, 1377.
Job. J.O. Hoffman **237**, 1915.
Joining Navy. F.H. Poteet **329**, 619.
Junior Officer in Mine Warfare. P.W. Rairden, Jr. **607**, 977.
Legal Assistance for Naval Personnel. M.M. Ferrell **492**, 157.
Length-of-Service vs. Age-in-Grade Retirement. J.K. Taussig **268**, 919.
Less Tangible Factors. W.J. Miller **551**, 13.
Let's Anchor Our Trained Technicians. Carl Durtche, Jr. **710**, 71. **718**, 111.
Let's Stop Subsidizing Non-Rated Men Who Marry. G.A. Waldrop **717**, 55.
Line Officer, Challenge for. J.C. Shaw **560**, 1133.
Line Officer Problem. C.M. Cooke **441**, 1587. **444**, 253.
Line Officers: Mark of Distinction **608**, 1130. **615**, 577.
Line Officers: What Is Line Officer? P.W. Rairden, Jr. **611**, 53. **616**, 690. **618**, 927. **620**, 1161.
Line Personnel Situation. R.C. Smith **258**, 1221. **260**, 1609. **268**, 934.
Long Term Enlistment Requisite. H.C. Bywater **260**, 1724.
Man and Machine. R. Parker and R. Tarbox, Jr. **722**, 80.
Management. C.M. Bigelow **358**, 1836, 1843.
Manning the Future Fleets. W.R. Smedberg, III: **719**, 121.
Manpower: Enlightened Utilization (ProfNote). T.J. Bohannon **722**, 141.
Marine Corps: See: Marine Corps.
Medical Corps, U.S. Navy. E.R. Stitt **308**, 887.
Medical Department of Navy. E.R. Stitt **284**, 1951.
Men Sentenced to Join Not Wanted **317**, 658.
Merchant Seamen. F. Riesenberg **351**, 663.
Military Effectiveness. V. Safford **405**, 1557.
Minimal Manning Module System (ProfNote). R.A. Olsen **836**, 114. **842**, 86.
Modern Enlisted Personnel Distribution. B.H. Shupper **674**, 91.
Modern Navy for Modern Defense. E.K. Lofton **693**, 56.
Morale: See: Discipline.
More About "Caste System." E.A. Gibson **559**, 1005.
Motto for Deck Officers **651**, 551.
Naval Academy Preparatory Class. P.D. Gallery **409**, 376.
Naval Aviators, the Old and the Bold. W.D. Toole, Jr. **803**, 67.
Naval Career **287**, 89. **288**, 208.
Naval Communicator--Specialist or Subspecialist? J.R. Wadleigh **751**, 72. **754**, 114. **757**, 120.
Naval Corps, Specialization and Efficiency. T.C. Kincaid **235**, 1491. **239**, 120. **245**, 1169.
Naval Officer and Civilian. W.O. Stevens **225**, 1725.
Naval Officer's Fitness Report. I.C. Kidd **649**, 278.
Naval Personnel
Leigh, R.H. **320**, 855.
Upham, F.B. **332**, 902.
Naval Personnel on Display **712**, 110.
Naval Personnel of Today. A. Andrews **404**, 1402.
Naval Policy for Individual. J.M. Kennaday **519**, 691.
Naval Reserve: See: Naval Reserve.
Naval Service. H.H. Frost **251**, 31.
Navy Has No Foreman's Problem. J.L. Miller **565**, 265.
Navy-Marine Pilot Shortage Acute (Nbk) **774**, 146.
Navy Personnel Situation. J.K. Taussig **222**, 1153.
Navy Seeking 400 for Atomic Fleet (Nbk) **730**, 155.
Navy Selects Senior Enlisted Advisor (Nbk) **771**, 155.
Navy Shipyards Lack Workers (Nbk) **768**, 148.
Navy's Re-Training Program. D.O. Root **521**, 963.
Need of Educated Personnel Increased **333**, 1064.
A New Era in Navy Recruiting. G.E. Thibault **878**, 24. **882**, 81.
New Horizons in the Enlisted Navy. W.J. Miller **681**, 34.
New Navy Enlisted Classification System (ProfNote). J.R. Heinzel **655**, 1015.
New Wine in Old Bottles. J.S. Taylor **217**, 331.
1947--A Very Good Year. D.L. Martineau **895**, 25.
Officer Candidate School (ProfNote). R.W. Clark **692**, 144.
Officer Policy in Post-War Navy. M. Kniskern **523**, 1191.
Officers as Yachtsmen **354**, 1243.
Officers for Post-War Navy. H. Reich **511**, 1029.
Officers for Shore Duty Only. E.P. Jessop **226**, 1885. **228**, 259. **230**, 636.
Officers, Garden Variety of Naval **351**, 793.
Officers Must Write **356**, 1539.
Officer Specialization and Post-War Navy. M. Kniskern **522**, 1035. **525**, 1467. **528**, 204.
Officers: Vanishing American Naval Officer. A.E. Jarrell **619**, 969.
Officers, Why We Are Losing Our Junior. R.S. Crenshaw, Jr. **648**, 127.
Old Navy **407**, 145.
Old Order Changeth (ProfNote). R.B. Kelly **675**, 127.
Old Song--New Verse. A.B. Davis **669**, 30.
Onward and Upward. H.S. Knapp **224**, 1509.
The Operators. W.J. Stanley **646**, 1255.
Ordnance Engineering Graduates Do Go To Sea (ProfNote). S. Brooks **697**, 136.
Origin and Early Development of Naval Medicine. W.L. Mann **319**, 773.
Our Civilian Navy. M. Radom **504**, 187. **514**, 1497.
Our Petty Officers
Cumming, J.W.W. **337**, 350.
Kennaday, J.M. **356**, 1437, 1477.
Our Post-War Opportunity. J. Pell **508**, 689.
USS Outside. N.B. Musser **319**, 786.
Outstanding Naval Officers--Once Midshipmen. C.S. Alden **516**, 277.
Pay Reductions **357**, 1670.
Payroll: Idiagram **350**, 609.
The People Factor. T. Shepard, Jr. and A. Slaff **769**, 76. **773**, 107. **774**, 105. **776**, 109. C&D: **779**, 102. **783**, 107.
People, the Navy's Most Critical Resource. C.W. Tarr and P.C. Keenan, Jr. **885**, 45.
Permanence in Command Afloat. B.B. Wygant **390**, 1075.
Permanency of Personnel. V.H. Godfrey **386**, 529. **389**, 1005. **391**, 1309.
Permanency: Results vs. Training. J. Newsom **431**, 20.
Personality Disorders: The Walking Wounded. W.E. Piper **851**, 50. **857**, 89.
Personnel
Henning, E.R. **235**, 1507. **238**, 2129.
Taylor, D.W. **261**, 1771.
Personnel Accomplishments. W.R. Shoemaker **284**, 1936.
Personnel Assignment--A View from the Fleet (ProfNote). J.L. MacMichael **801**, 143.
Personnel Efficiency. A.E. Becker **345**, 1469.

Personnel (Cont.)
Personnel Management in Navy. D.E. Cummings **254**, 589.
Personnel Selection Law. H.S. Babbitt **244**, 965. **247**, 1493.
Personnel Survey. J.S. McCain **239**, 19.
Petty Officer. W.J. Stanley **587**, 9. **593**, 792.
Petty Officers **359**, 105, 108. **362**, 532. **363**, 733.
Cumming, J.W.W. **337**, 350.
Eliot, G.F. **362**, 526. **366**, 1191.
Rowcliff, G.J. **355**, 1253.
Petty Officers', Chief, School of Line. R.F. Larmour **409**, 355. **424**, 887.
Petty Officers--Old and New. J.M. Spring **572**, 1104.
Petty Officers, Our Vanishing. G.P. Steel, II: **544**, 701. **550**, 1557.
Plug for Lieutenant Commanders **716**, 104.
Political Activity and the Naval Service. S.E. Vecchi **760**, 84. **765**, 127.
Post-War Navy. W.I. Denny **498**, 967.
Prodigal Son. A.R. McCracken **543**, 573.
Promotion: England and U.S. Navies **348**, 284.
Promotion and Graded-Retirement Laws. J.K. Taussig **254**, 523. **256**, 961.
Promotion and Natural Selection. F.S. Craven **202**, 1959.
Promotion by Selection. W.C. Barnes **235**, 1487. **237**, 1945.
Promotion for Enlisted Men. Kirkpatrick, Jr. **347**, 15. **353**, 1050. **357**, 1655.
Promotion in Navy
Bryan, B.C. **222**, 1251.
Vossler, F.A.L. **215**, 7-20. **216**, 247. **218**, 559.
Promotion of Line Officers of Navy. W.W. Bradley **236**, 1713.
Promotion of Officer Personnel. E.H. Campbell **264**, 183. **265**, 454.
Promotion Status in England **353**, 1071. **357**, 1674.
Public Servants, Candidates for. D.A. Frost **382**, 1713.
Pushbuttons Need Men. E.J. Fahy **552**, 149. **561**, 1293.
Psychological Factor in Promotion by Selection. J.H. Taylor **290**, 436.
Rational Amendment to Present Methods of Promotion and Elimination. J.O. Fisher **208**, 857.
Recruiting Salesmanship. J.O. Hoffman **220**, 825.
Recruit Training. G.J. Rowcliff **341**, 915.
A Question of Arteries. R. Hargreaves **639**, 483.
Quiet Crisis in the Silent Service. T.B. Thamm **822**, 50. **827**, 85. **830**, 98. **832**, 110, 111.
Reappraisal [of Officer Administrative Policies] Is Not So Agonizing. A.C. Leis **693**, 52. **698**, 103.
Rebuilding Navy Enlisted Personnel
Henning, B.E.R. **214**, 1979.
Thom, J.C. **212**, 1627.
Record, Let's Look at. J.C. Van Cleve **414**, 1122.
Red Cross Serves All Hands. W.E. Beall **681**, 79. **692**, 111.
Re-enlistment Rates (C&D). N.G. Walton **760**, 124.
Reference Index. Personnel Administration (tear-out) **730**, 35.
Register of Officers, 1839: **550**, 1558.
Reserve Looks at Navy. D.O. Root **495**, 533.
Responsibility of Regular. M.W. Cagle **496**, 679.
Retention: The High Cost of Leaving. J.R. Fredland **803**, 44. **808**, 106, 108. **809**, 109. **810**, 106, 107, 108. **811**, 93. **815**, 86. **816**, 83.
Role of Chief Petty Officer in the Modern Navy. D.A. Kelso **650**, 386.
SeaBees in World War II. B. Moreell **709**, 85.
Sea of Matrimony. P.E. Jerauld **757**, 93.
Sea Service for Naval Constructors. T.L. Schumacher **257**, 1041.
Selected Reserve. W. Thompson **707**, 69. **713**, 116.
Selection and Graded Retirement. W.E. Doyle **250**, 1999. **254**, 615.
Selection of Enlisted Men for Naval Academy. B.W. Decker **304**, 457, 489. **312**, 141.
Selection of Manpower at Source. L.W. Bagby **260**, 1675. **262**, 2061.
Selective Service. H.J. Ray **358**, 1729.
Service-Since-Graduation vs. Age-in-Grade Retirement. J.S. McCain **267**, 737. **269**, 1238.
Ship's Personnel Allowance and Complement (ProfNote). J.L. Lowentrout **680**, 126.
Shore Patrol. F.J. Nelson **491**, 45.
Shortage of Engineers **201**, 1935.
Should We Train Ships or Men? W.W. Strohbehn **569**, 759.
Solution of Officer Personnel Situation. F.G. Blasdel **225**, 1779.
Split List and Related Problems (ProfNote). D.L. Martineau **636**, 221.
Staff Equalization Bill. J.S. McCain **253**, 417.
Standardization in Advancement of Petty Officers. F.V. Rigler **364**, 801.
Stars, Stripes, and Gresham's Law. E.B. Strauss **781**, 51. **785**, 97. **788**, 110.
Statistics **208**, 952. **248**, 1727. **347**, 124. **349**, 426.
Status of Engineers **282**, 1586.
Status of Retired Officers. J.K. Taussig, Jr. **781**, 72.
Stewards and Cooks, Higher Education for Officers'. C.J. Harter **409**, 321.
Strikers, Selection of. E.D. McEathron **375**, 655.
Tables, etc., Promotion and Pay **203**, 124. **205**, 456. **208**, 949. **228**, 293, 296. **230**, 660. **233**, 1205, 1207. **259**, 1541.
Take Care of Your Men. S.A. Swarztrauber **730**, 26. **734**, 108. **736**, 117. **739**, 114.
TAOs: To Fight the Ship. R.B. Pettitt **852**, 55.
Technical Experts Are Not Enough. T.P. Henrikson **667**, 33.
This Admiral Business. T.D.F. Langen **333**, 973.
Thoughts on Line Personnel Situation. R.C. Smith **258**, 1221.
Thrift and Responsibility--Those Outmoded Virtues. J.M. Sheehan **412**, 813. **414**, 1170.
Time of Decision. J.T. Howe **707**, 36. **714**, 107, 108.
Today's Challenge to Officers. G.B. Myers **472**, 765.
Too Many Senior Officers; Not Enough for Them to Do (C&D) **858**, 79. **861**, 104. **862**, 89.
To Youth in Uniform. W.T. Cluverius **429**, 1601.
Training: See: Education.
Training and Recreation in Small Ships. W.B. Porter **502**, 1481.
Turnover of Personnel. G.F. Cottle **433**, 379.
Unchanging Sea. H.H. Holly **612**, 191.
Using Rudder With Personnel. H.A. Rochester **338**, 448.
What It Means to Be An Officer. R.R. Belknap **277**, 562.
Why Men Enlist. H.M. Kieffer **338**, 494.
Vanishing American Naval Officer **623**, 95, 96, 100, 102.
View of Enlisted Personnel Problem. J.R. Haile **314**, 284.
Wanted: Jacks-of-All-Trades. E.M. Ashworth, Jr. **680**, 63.
Warrant Quartermaster-Signalman, Why Not? F.V. Rigler **415**, 1259. **419**, 103.
Wet Navy and a Dry Navy? W.C. Fortune **708**, 19. **712**, 106, 108, 109. **714**, 112.
What Price Mariner? **626**, 457.
What's the Answer? **650**, 440.
What's the Score? And Other Random Notes. G.M. Dusinberre **399**, 653.
Who's Disabled? W.W. Dinegar **650**, 405.
Why Don't They Stay In? O.O. Kessing **246**, 1255. **250**, 2048. **254**, 617.
Why Go Regular Navy? R.H. White **610**, 1346.
Worlds Apart? D.N. Edelstein **840**, 18. **847**, 81, 82. **849**, 95. **851**, 79.
Your Men and You (open letter). T.L. Sprague **536**, 1237.
Personnel Administration
Data Processing in Personnel Management. D.J. Carrison **739**, 56.
EDOs: the Dwindling Muster. C.R. Peck **754**, 46. **757**, 113. **761**, 117, 119.
Enlisted Distribution and Rating Control (ProfNote). J.E. Majesky **759**, 151.
"Get Off My Back, Sir!" R.E. Mumford, Jr. **894**, 18. **898**, 77.
"Internal Guidance" in the Bundeswehr--A Modern System of Human Resources Management (ProfNote). E.H. Lorenz **869**, 100.
Jointly Disjointed (ProfNote). A.G. Nelson **851**, 101.
Which Way Is Up? J.J. Dougherty **778**, 76. C&D: **782**, 95.
Personnel Distribution: Canadian Cyclic System. S. Dombroff **779**, 64. **784**, 112, 113.
Personnel Evaluation: Petty Officer Criterion: Professional Competence (C&D) **842**, 94.
Personnel--Evaluation Systems: Officer Appraisal in the Armed Forces. H.L. Jones, J.L. Keating, and George Postich **746**, 76. **750**, 114, 115, 116, 117. **754**, 111, 112, 113.
Personnel Handling: Few Ideas of a Cruiser Skipper. P.D. Gallery **629**, 784.
Personnel Management
Attack Carriers: The Human Equation. T.C. Schelin **864**, 26. **868**, 84. **870**, 88. **873**, 80.
Behavioral Science in the Armed Forces (ProfNote). R.A. Zawacki and P.E. LaSota **852**, 113.
The Frustration Factor. F.D. Shemanski **818**, 27. **823**, 91. **829**, 110. **830**, 95. **832**, 108.
Human Relations at Work (C&D) **826**, 95.
"I am the Two-Headed Ogre..." B. Keener, III: **878**, 38. **881**, 79. **882**, 72, 73. **883**, 77. **884**, 99. **886**, 87. **890**, 76.
The Naval Shore Establishment and Parkinson's Laws. D.A. Morton **868**, 44. **872**, 88. **875**, 72.
Officer Personnel Management (C&D). K.J. Simmons **758**, 138. **763**, 125.
Treat Sailors Like Spare Parts? A.B. Taylor **764**, 72.
Personnel--Officers: Polaris Duty: Pinnacle or Predicament? J.T. Howe **774**, 26. **777**, 108, 109. C&D: **779**, 105, 106, 107, 108.
Personnel Reductions: Optimist Looks at the Reductions (C&D) **823**, 97.
Personnel Services: One Stop for Susie.

E.D. Stanley **773**, 54.
Personnel Stability: Accountability: Crumbling Keystone. B.C. Dean **839**, 40. **844**, 94.
Personnel Stability--Please (C&D) **839**, 95.
Perth Amboy (U.S. tug): Shelled by Submarine **187**, 2198.
Pertinax on London Naval Treaty **330**, 771.
Peru
Ally to the South: the Peruvian Navy. J.B. Ferris **627**, 535.
Amazon Naval Flotilla **410**, 554.
Beauregard, A.T. **464**, 1399.
Carro, L.S.: Attacked **351**, 755.
Colombian Land Dispute **357**, 1663. **358**, 1813.
Communistic Trouble **353**, 1055.
Elections **347**, 141.
Fishing Fleet and Fisheries of Peru (ProfNote). A. Jimenez **730**, 148. **736**, 116.
Government Overthrown **333**, 1052. **338**, 557.
Mission to Japan **358**, 1835.
Naval History
Purchase of French Cruise, 1912: **142**, 773.
War With Chile. In Darrieus, War on the Sea **125**, 188. In Daveluy, R. Naval Strategy **134**, 416.
Navy
An Early Submarine. A. Jiménez **647**, 89.
Latin American Naval Lessons. A. Jiménez **697**, 94.
Monitors 'Round Cape Horn (OldNav). J.D. Alden **859**, 78. **864**, 79.
Patrol Boats for Peru (Nbk) **756**, 150.
Peru or Humboldt Current: See: Oceanography.
Peruvian Landing Party, San Francisco, 1849: **438**, 1491. **431**, 147.
Revolution Predicted **354**, 1209.
Tidal Wave at Arica. J.K. Taussig **281**, 1319. **283**, 1792. **285**, 2300.
U.S. Tuna Boat Seized and Fined by Peruvians (Nbk) **810**, 132.
War With Chile (1879): **347**, 18. **352**, 903.
Peruvian (Br.) Treasure **504**, 209.
Pesce, E.I.: Sea Control Ship Concept: Down the Drain (Callahan); Sea Control Aircraft: the Case for the Chopper (Klippert); Naval Aircraft of the Next Decade (De La Mater); Sea Control Ship and the Navy Mission (Polmar) (C&D) **876**, 81.
Pesci, Guiseppi
Graphic method for determining the altitude of aeroplanes. Tr. by F.W. Morrison and C.W. Frederick **144**, 1537.
Nomogram for compass deviations, with an elementary exposition of the two parallel scale nomograms. Tr. by R. de Aquino **136**, 1042.
Notes on the solution of the triangle of position without trigonometrical computation. Tr. by F.W. Morrison **134**, 529.
Pesta, J.E., Jr. (co-author): See: G.A. Casey.
Peter, Karl: Marineschule Mürwik--Naval Academy of the Federal German Republic (ProfNote) **712**, 140.
Peter, Karl-Hinrich: Sinking of the Scharnhorst **635**, 48.
Peter the Great, Pirate of Tortuga. W.W. Bradley **304**, 481.
Petersen, H.M.: Maritime Denmark **779**, 37.
Petersfield (Eng.) **348**, 285, 290. **349**, 429. **355**, 1372.
Peterson, E.H.: Ideal Merchant Marine Reserve **408**, 169.
Peterson, Harries-Clichy **712**, 123.
Peterson, P.C.: Hardships Shared (anec) **691**, 64.
Peterson, R.A.: (Mayaguez incident) The Destroyer Escort's Skipper **885**, 97.
Peterson, R.E.: NROTC: Quo Vadis? (Bouffard) (C&D) **897**, 83.
Peterson boat-launching apparatus **103**, 694.
Petrel (CSS) **210**, 1218.
Petrel (SS): First ship to use fire control from aloft in battle **130**, 424.
Petrel (U.S.) **276**, 273. **457**, 453.
Petrel's Installation in Manchuria During the War Between China and Japan. N. Sargent **75**, 523.
Petro, Dante: Father Remembers Hancock (C&D) **871**, 82.
Petrofsky, R.A.: Development of Navy Strategic Offensive and Defensive Systems (Paolucci) (C&D) **813**, 88.
Petroleum
See: Fuel; Oil.
Arctic Passages of North America. R. Boyle **791**, 48. **797**, 110.
Around the Cape of Good Hope, Not Suez (ProfNote). A. Harrigan **783**, 131.
Origin of. **148**, 1452.
Origin of Petroleum. D.T. Day **149**, 82.
Petroleum Residues **148**, 1454.
Petroleum as a Source of Emergency Power for War Ships. N.B. Clark **27**, 798.
Petroleum Imports and National Security. T.S. Wyman **895**, 32.
Russia: Dilemma in Oil. A.B. Zerfoss **732**, 54.
World's Supply (1913): **148**, 1455.
Petrolignite: Manufactured Wood for Decks **112**, 901.
Petrolite (SS): Shelled by Submarine **161**, 290.
Petropavlovsk (Russia) 1st: **451**, 1324.
Destruction of. **110**, 469, 472.
Petropavlovsk (Russian Battleship) 2nd
Description **135**, 884.
Launched **140**, 1444.
Plans **142**, 775.
Petrov, V.P. **785**, 102.
Severyanka--Soviet Submarine for Scientific Research (ProfNote) **798**, 138.
Soviet Canals **773**, 32. **776**, 111. **778**, 114.
Petruska, A.M.
Influence of Technology Upon Leadership (Leadership Forum) **882**, 64.
Leadership and Technology--A View from the Bridge (Leadership Forum) **895**, 76.
Pettitt, R.B.: TAOs: To Fight the Ship **852**, 55.
Petty Officers
See also: Names of Countries; subhead Navy; Personnel.
BuPers to Assign Top CPOs (Nbk) **742**, 151.
Crisis in Leadership. G.H. Lathrop, Jr. **737**, 44.
Petty Officer and Naval Discipline (ProfNote). J.T. Robinson **733**, 142.
Petze, C.L., Jr.: Industrial Research **450**, 1148.
Pfaff, R. **409**, 397. **434**, 578.
Sea Duty on Yangtze **369**, 1612.
Pfeifer, C.F. (BkRev) **786**, 123.
Phalen, J.M.: Fatal Shark Bite **315**, 462.
Phantom II, F4H: See: Cover Pictures--January 1962.
Phantom II, F4H-1: See: Cover Pictures--January, 1961.
Phantom Carrier (ProfNote). E.M. Brown **768**, 138.
Phelps, Harry: Sounding Machine of USS Ranger, **48**, 131.
Phelps, W.W. **244**, 1006. **376**, 837. **379**, 1289. **391**, 1301. **393**, 1685. **414**, 1168. **416**, 1469.
Billions for Philippine Independence **421**, 367.
Direct Cause of Liberty Breaking **147**, 1025.
Keeping United States Neutral **380**, 1353.
Naval Industrialism, Naval Commercialism, and Naval Discipline **146**, 509.
On absence over leave **140**, 1406.
On promotion, present and prospective **114**, 436.
On "A question in discipline" **152**, 1108.
On trained initiative and unity of action **146**, 830.
Philadelphia
Naval Home. A. Gleaves **338**, 473.
Philadelphia Centennial Exhibition: The Spirit of '76. R.D. Glasow **881**, 25. C&D: **888**, 82.
Philadelphia Naval Reserve Armory. N.B. Musser **325**, 220.
Philadelphia (USS) **291**, 619. **388**, 818.
See also: Farenholt, A. **128**, 1279.
Burning of: See: Cover Pictures--January 1952.
Continental Gondola. L.F. Hagglund **399**, 665.
Philbin, T.R.
Navies in War and in Peace (Gorshkov, Part 4) (C&D) **859**, 88.
The Navy--A Retention Gap (McGarry) (C&D) **804**, 90.
Philibert, H.: Those That Are Carried in Tops of Ships **337**, 365.
Philippi, Frederick E., Jr.: The Navy's Unwelcome Visitors (Milre) (C&D) **862**, 86.
Philippine Islands
Amphibious Infantry--Fleet on Lake Lanao. P. Hitt **420**, 234.
Army-Navy Club of Manila. T.C. Parker **650**, 408.
Baler, Affair at. C.C. Hanks **409**, 335. **420**, 261.
Battle of Manila Bay. D. Williams **303**, 345.
British Conquest in the Philippines. C.G. Calkins **96**, 79.
Cavite **331**, 811.
Chart, Old **374**, 512.
Coast Guard Cutter McCulloch at Manila. R. Ridgely **315**, 417.
Coast-wise Shipping Laws **322**, 1074.
Corregidor--Bataan, Epic of. T.C. Parker **479**, 9.
Corregidor in 1898. J.M. Ellicott **471**, 639.
Fall of Manila, August 13, 1898. T.M. Brumby and W.E. Wight **690**, 88.
Fiber Industry. G.R. Carpo **276**, 262.
Foreign Trade **267**, 839.
Forgotten Island (Las Palmas). F.E. Cross **484**, 833.
Galleons, Manila. J.D. Hayes **382**, 1689.
Independence **248**, 1725. **327**, 463. **328**, 566. **345**, 1563. **352**, 907.
Independence, Billions for Philippine. W.W. Phelps **421**, 367.
Insurrection, Philippine. F. Luckel **421**, 363.
Japanese Imperialism and Aguinaldo Insurrection. J.K. Eyre, Jr. **558**, 901.
Japanese Imperialism, Early, and Philippines. J.K. Eyre, Jr. **561**, 1267.
Japanese Mandate Proposed **339**, 700.
Japanese Preparations, Notes on, for Philippine Conquest. T.W. Davison **520**, 793.
Japanese View of Their Philippine Invasion (Pict) **565**, 317.
Manila **341**, 904.
Manila Bay, Second Battle of. T.W.

Davison **483**, 642.
Manila Bay in 1898. E.L. Beach **206**, 587.
Naval Battalion on Bataan. W.P. Prickett **693**, 72.
1929 Eclipse **329**, 603.
Notes on Asiatic Cruise. F.J. Nelson **397**, 390.
Old Spanish Landmark (tanque or cistern). C.B. Camerer **467**, 82.
Old Spanish Shear Legs at Cavite. L.C. Dunn **400**, 801.
Operations of Navy and Marine Corps in Philippines, 1898-1902. A.P. Niblack **112**, 745. Addendum, by E.B. Barry **114**, 463. **115**, 698.
Opposition to General Wood. R.V. Oulahan **250**, 2125. **252**, 331.
Pacific, Philippine and. E.M. Eller **428**, 1467.
Palawan Rescue. R.C. Burns **568**, 652.
Philippine Independence from Economic Standpoint. H.L. Vickery **374**, 481.
Philippines Invasion: Japanese Naval Air Operations in the Philippines Invasion. Koichi Shimada **623**, 1. **631**, 1048.
Philippine Navy (Pict). W.D. Viray **669**, 93.
The Philippine Problem (IntAff) **328**, 566.
Philippine Question. W.L. Taylor **463**, 1223.
Plebiscite Proposal Vetoed **292**, 711.
Problem, Perennial Philippine. J.A. Lee **427**, 1257.
Protection of Flag. J.M. Ellicott **508**, 701.
Relative Importance of Philippines and Guam. B.A. Fiske **225**, 1676.
Representative Mann's Speech on Questions of Far East (1914): **154**, 1832.
Riding Out Philippine Typhoon. R.P. Eyman **505**, 315.
Seapower for the Defense of the Philippines. H.W. Edwards **701**, 60.
Sons of Gunboats. H.E. Yarnell **509**, 825. **516**, 285.
Subterranean River of Palawan. T.C. Parker **477**, 1530.
Thompson Report **285**, 2399. **288**, 232.
Threat to Japan: Pre-War Incident. R.O. Davis **522**, 1043. **528**, 203.
Tide in Philippine Waters. H.A. Marmer **507**, 543.
Trip to Pampanga. G. Cornelius **649**, 285.
Typhoon, Center of. G. Knuepfer **449**, 1003.
Voyage of Charleston to Manila. A. Farenholt **255**, 753.
What of Filipinos? **282**, 1650.
Philippine Sea, Battle of
Buell, T.B. **857**, 64. **859**, 88. **861**, 102. **862**, 77.
Danton, J.P. **511**, 1023.
Ill Wind from East. E.W. Pate **506**, 411.
Wyen, A.O. Van **576**, 157.
Philippine Sea, Second Battle of: See: Leyte Gulf, Battle for.
Philips, R.H.: Present and Future of the West Coast Fishing Industries (NavRev) **855**, 190.
Phillip (USS): Launched with steam up. **189**, 2619.
Phillips, B.W.
Confused Information Center (anec) **676**, 85.
Marines Training at Quantico--November 1965 Cover.
Phillips, C.A.
Arlington National Cemetery **544**, 733. **547**, 1161.
Glancing Back Through Archives (anec) **578**, 425.
Snowstorms in Tropics **414**, 1141.
Phillips, C.G.: Capture at Sea in Perspective **746**, 60. **750**, 108.
Phillips, C.L.: Recognition Exercise (anec) **697**, 41.
Phillips, Lawrence
Abolition of the Rum Ration (OldNav) **809**, 86.
Hydrography in the Royal Navy (C&D) **804**, 95.
Massawa Navy Days--1972: A Rare Occasion (ProfNote) **834**, 110.
Notebook Item--Intrepid Family Tree **814**, 86.
Not Yet, Sir (anec) **764**, 95.
One Up for the Royal Navy (anec) **832**, 49.
Permission Granted (anec) **816**, 33.
Phillips, Philip B.: The Navy's Medical Problem **626**, 391.
Philosophical Society, American By-Laws **23**, 149.
Philosophy of Loyalty. F.B. Upham **343**, 1157.
Philpott, T.R. (co-author): See: A.M. Aug.
Phinney, George, Jr. **693**, 108.
Phoebe, Cherub (Br.), and Essex (U.S.) **444**, 222.
Phoebe (HMS) **336**, 199.
Phoenix (U.S.): See: Those Who Can...
Phonetic Alphabet: See: Communications.
Phormio: See: Strategy and Tactics.
Photo-electric cell **328**, 551.
Photogrammetry (Rev). A. Gleaves **73**, 193.
Photographing Flying Bullets **66**, 220.
Photographing the Surrender Aboard the USS Missouri. B. Kalisch **630**, 866.
Photography
See also: Aerial Photography, Cameras, Radio.
Aerial Photography, Naval Uses of. J.M. Haynie **465**, 1567.
Combat Photography. C.D. Ohman **500**, 1259.
Eng. Naval Officers **343**, 1262.
Fahey Collection Acquired **862**, 3.
Naval Air Photo Reconnaissance (Pict). J.E. Wise, Jr. **815**, 57. **821**, 97.
Photography, Naval and Maritime Prize, 1971 (Pict) **818**, 67. 1972: **830**, 71. 1973: **842**, 71. 1974: **854**, 94. 1975: **868**, 40. 1976: **880**, 34. **892**, 67.
Origins of American Naval Photography (Pict). N.T. Kirk **580**, 639.
Our Navy Photo Collection Acquired by Naval Institute **859**, 3.
Prize Photography 1966: **757**, 97. 1967: **769**, 89.
Reconnaissance Drone--Present Weapon With a Future. G. Cornelius **656**, 1093.
Under Water. H. Saunders **304**, 501.
What's Wrong With Naval Photography? (ProfNote). A.W. Hall **697**, 141.
Photo Journalist at Syracuse University, The (ProfNote). R. Egnor **773**, 137.
Photo-service, Our Navy **860**, 3.
Physalia, or Portuguese Man-of-War. W.E. Safford **21**, 413.
Physical Examinations
See also: Examinations, Physical.
Birth Month. J.R. Poppen **531**, 551.
Physical Fitness
See also: Medicine and Surgery; Recreation.
Fifty-Two Years of Physical Fitness (ProfNote). R.K. Moxon **720**, 141.
Military Sports, Anyone for? (ProfNote). P. Laughlin **649**, 341.
Physical Fitness at the U.S. Naval Academy (ProfNote). R.H. Swartz **705**, 143.
Physical Fitness in the Sea Services. P. Morosky **824**, 58.
Seawolf's Figure Control **684**, 102.
Physical Training
See also: Athletics; Athletics and Amusements.
Notes on the Swedish System of Physical Training. J.A. Murphy **142**, 603.
Plea for Physical Training in the Navy **129**, 67.
Protecting Our Athletes. H. Laning **146**, 705.
Some Hygienic Precautions to be Observed While Training. H.G. Beyer **111**, 577.
The Swedish System: A Further Plea for Physical Training in the Navy. A.P. Niblack **138**, 425.
Physics
Book Review **333**, 1060.
Engineering and. **256**, 1011.
Piccioni, J.D.: Career Development for the Naval Flight Officer (C&D) **786**, 110.
Picinich, R.G., Jr.: Blimps Blast Subs **488**, 1324.
Pick, C.F.: Torpedo on the Starboard Beam (OldNav) **810**, 90.
Pickering, W.T.: Mr. Dampier Also Went to Guam--In 1686: **510**, 931.
Pickering (U.S.) **377**, 949. **478**, 1718.
See also: Farenholt, A. **128**, 1279.
Picking, S.: Wake Island **238**, 2075.
Picking Stars. J.F. Hellweg **343**, 1213.
Pictorial Section
Aircraft, Military, in Post-War Europe **611**, 77.
Airship, New Anti-Submarine Warfare **573**, 1249.
American Harbor Defense Ports. D.P. Kirchner **666**, 93.
American Harbor Defenses: Final Era. D.P. Kirchner and E.R. Lewis **779**, 84. **783**, 106. **784**, 114. **789**, 108.
American Merchant Marine in World War II: **562**, 1403.
Argentine Navy. C.E. Zartmann **689**, 82.
Armored Cruise Album **677**, 96.
At Turn of Century (Do You Remember?) **614**, 437.
Bainbridge, U.S. Naval Training Center. P.E. Coletta **652**, 642.
Battle Cruiser Era. Frank Uhlig, Jr. **656**, 1106.
Battleships of the U.S. Navy. R.W. Ellis **720**, 94.
Bellingshausen Sea Operation. E.A. McDonald **691**, 97.
Berlin Airlift, Navy Squadrons in **558**, 931.
Big "E". V.P. de Poix **712**, 89.
Boston Naval Shipyard **692**, 89.
British Fleet Air Arm, 1958. M. Rysworth **673**, 80.
Bureau of Aeronautics **551**, 85.
Bureau of Medicine and Surgery: Brief History. L.H. Roddis **554**, 457.
Bureau of Naval Personnel **556**, 693.
Bureau of Ordnance **552**, 213.
Bureau of Ships **557**, 813.
Bureau of Supplies and Accounts **553**, 343.
Bureau of Yards and Docks **555**, 577.
Camp Pendleton, California **671**, 98.
Camp Pendleton...to mold a finer Marine. G.W. Ferguson **780**, 86.
Canadian Navy, With Royal **590**, 429.
Capturing Sail on Canvas. J.W. Schmidt **706**, 84.
Changing Profiles of the U.S. Naval Academy. Mary and M.E. Warren **724**, 95.
Charting the Seas **634**, 1368.
Coast and Geodetic Survey **559**, 1047.
Coast Guard Academy Training Cruise, Summer, 1949: **566**, 431.
Coast Guard in Northern Waters **563**, 77.
Coast Guard in War and Peace. S.H. Evans **550**, 1545.
Command on Potomac **613**, 325.
Comments on the Bainbridge. R.E. Peet **725**, 90.

Coronation Naval Review **608**, 1122.
Cruisers in U.S. Navy. F.E. Duddy, Jr. **589**, 305.
David Taylor Model Basin. A.P. Miller, Jr. **578**, 411. **721**, 89.
DER, Unigue and Vital. E.A. Parke **684**, 89.
Destroyers in U.S. Navy **583**, 977.
The Destroyer Tender. P.E. Coletta **663**, 91.
Digging the "Big Ditch". G.E. Wheeler **625**, 317.
Dreadnought Era. F. Uhlig, Jr. **646**, 1316.
Eagle Spreads Her Wings **620**, 1145.
Essex, Salute to **610**, 1337.
Exercise High Tide. W.J. Miller **633**, 1258.
Experimental Diving Unit. H.O. Austin **577**, 309.
Farewell to Chichi Jima **789**, 91.
First Fifty Years of U.S. Submarines **645**, 1213.
Fishing Vessels Around the World. D.L. Alverson **695**, 98.
Fleet Air Arm, Royal Navy. D. Wettern **701**, 78.
Force in Readiness (Pict). K.A. Schuon **705**, 90.
French Navy Under Steam **617**, 793.
From Box Kites to Swept-Back Wings. H. Andrews and J.E. Oglesby **699**, 103.
Fury of the Sea **710**, 87.
Goodbye to the Gas Bags. R.H. Rankin **704**, 91.
Helicopter Proves Itself **585**, 1214.
Helicopters in Review. D.L. Small **622**, 1376.
Holland Submarine, Story of the. R.K. Morris **683**, 79.
Honored Men and Ships **544**, 749. **546**, 1065.
Hunter-Killer Team **567**, 549.
Initial Success--or Failure **718**, 93.
Iowa-Class Battleships off Korea **593**, 785.
Italian Naval Academy. Filippo Ferrari-Aggradi **679**, 89.
Italian Navy--Part II: **636**, 192.
Italy's World War II Navy--Major Units **629**, 812.
Japanese Carriers **631**, 1038.
Japanese View of Their Philippine Invasion **565**, 317.
"Jaycock" Story. W.B. Kohl **635**, 71.
Join the Navy and See the World **549**, 1417.
Korea: Liberation of South Korea **575**, 73.
Landing in Morocco, November, 1942. H.K. Hewitt **597**, 1243.
Liberation of South of France, August, 1944: **618**, 912.
Life Lines for Korea **601**, 310.
Mainbrace--Potential Becomes Reality. H.B. Say **599**, 75.
Mare Island Centennial **619**, 1031.
Marine Amphibious Warfare, New Style **570**, 903.
Marine Corps Boot Camp **606**, 887.
Marine Corps in World War II: **546**, 1013.
Mariners Museum. E.W. Sylvester **680**, 81.
Maritime Collection of Seamen's Bank for Savings **690**, 95.
Merchant Marine Academy. V.J. Lugowski **569**, 781.
Merchant Tanker Fleet **650**, 428.
Meyers, W.H.: Gunner Meyers in California **587**, 79.
Midshipman Cruise **642**, 867.
Midway Today. D.B. Mauldin **693**, 91.
Military Sea Transportation Service **654**, 882. **586**, 1327.
Mines--the Weapons That Wait. C.J. Wages, Jr. **711**, 103.
Moffett Field **651**, 537. **656**, 1117.
Monitors--Ships that Changed War. P.H. Paist **700**, 76. **706**, 104, 105, 106.
Musée de la Marine. R.S. Crenshaw, Jr. **694**, 90.
Mystic Seaport **662**, 91.
Naval Actions in the American Revolution
  Part I: **624**, 205.
  Part II: **626**, 444.
  Part III: **628**, 688.
  Part IV: **630**, 924.
Naval Air Station
  Alameda **659**, 80.
  North Island **665**, 94.
Naval Aviation Cadet Program. J.W. Reeves, Jr. **568**, 659.
Naval Aviation in the Jet Age. G.E. Wheeler **657**, 1214.
Naval Aviation in the Korean War **653**, 766.
Naval Mine Warfare. P.E. Coletta **681**, 82.
Naval Research Laboratory **670**, 112.
Navy Gunship Helicopters in the Mekong **783**, 91.
Navy's Attack Planes **594**, 897.
Navy's Historians. E.M. Eller **722**, 96.
Navy's Jet Fighters **592**, 659.
Navy's Patrol Planes **598**, 1357.
New Challenge for the USS New Jersey (BB-62): **787**, 88.
New York Naval Shipyard **581**, 755.
Norwegian Merchantmen **643**, 990.
NOTS, San Clemente Island. H.R. Talkington **688**, 93.
NROTC, Salute to **603**, 543. **604**, 661.
Oceanography: Maury to Mohole. P.E. Coletta **686**, 98.
Oiler Parade. J.L. Degnan, Jr. **667**, 91.
"Old Navy" of Nineteenth Century **564**, 197.
Operation Deepfreeze: Seaborne Invasion of Antarctic **649**, 301.
Operation Galvanic: Assault of Tarawa **609**, 1236.
Operation Neptune **616**, 673.
Origins of American Naval Photography. N.T. Kirk **580**, 639.
Our Future Navy **719**, 66.
Patuxent River, Maryland, Naval Air Station **596**, 1127.
Peabody Museum of Salem. M.V. Brewington **672**, 97.
Pensacola, Florida, Naval Air Station **615**, 562.
Perry, M.C.: Opening of Japan **605**, 773, 815.
Persian Gulf Command **644**, 1094.
Philadelphia Navy Yard **631**, 1004.
Philippine Navy. W.D. Viray **669**, 93.
Polaris Test Ship. G.M. Boyd **714**, 93.
Portfolio of Aircraft Carriers **582**, 875.
Prize Photography 1968: **781**, 89.
Proceedings Picture Album **548**, 1281.
USS Ranger 7 July 1959. J.W. Hamilton **682**, 87.
Refloating USS Missouri. A.E. Smith **576**, 181. **586**, 1340.
Reincarnation of the Four-Stackers. P.A. Chaplin **685**, 95. **690**, 111, 112, 113.
Remembrance of My Cruise. C.A. Focht **786**, 88. **790**, 109.
USS Repose (AH-16). R.N. Edwards **782**, 80.
ROC School, Treasure Island, California **584**, 1093.
Roosevelt Collection of Naval Art. S.E. Morison **729**, 81.
Round-Shot to Rockets: Story of the Washington Navy Yard and the Naval Gun Factory. H.C. Allendorfer **560**, 1159.
Royal Canadian Navy--Atlantic **661**, 87.
Royal Navy, With **588**, 189. **597**, 1255.
Royal Navy's Part in British Atomic Test **600**, 195.
Royal Netherlands Navy. C.V. Gordon **664**, 89.
Russo-Japanese War. E.H. Clark, Jr. **627**, 572.
Sailing at Naval Academy **602**, 429.
Sailing Ships **632**, 1148.
Sailors in the Navy. A.F. Loomis **708**. 88.
St. Lawrence Seaway **675**, 93.
Salerno, Allied Navies at **607**, 1006.
San Diego Naval Complex. R. LaTourette **784**, 95.
San Francisco Maritime Museum **678**, 89.
San Francisco Naval Shipyard **647**, 79.
Seabees **561**, 1281.
Searching for Subs in the Atlantic. B. Gallagher **713**, 98.
Seattle's Marine Museum. H.N. Wallin **698**, 83.
Sentinels Under the Sea. B. Gallagher **715**, 85.
Ships, Men, and Ice **612**, 199.
Sixth Fleet **591**, 544. **597**, 1257.
Sixty Years of Destroyers. R.T. Miller **717**, 94.
Skyraider Bows Out and Corsair II Enters Combat. Jean Coté and Donald Grantham **785**, 79.
Solant Amity. Toby Marquez **727**, 80.
Some Modern Cargo Ships **623**, 86.
Spanish-American War **543**, 557.
Steamships, Early **595**, 1016.
Submarine Base, New London **660**, 95.
Submarines' Victory in the Pacific **547**, 1147.
Sverdlov **628**, 629.
Sweden, Navy of **621**, 1259.
Tailhook Navy. S. MacDonald **723**, 94.
Testing the Navy's Planes. G. Cane **707**, 94.
Three Very Long Minutes **574**, 1365.
Top Submarines in Two World Wars. Bodo Herzog and Allison Saville **703**, 90.
Transport Aircraft for Armed Forces **572**, 1129.
U.S. Coast and Geodetic Survey in Review **648**, 200.
USCG, Always Ready **716**, 91.
U.S. Coast Guard in World War II: **655**, 990.
United States Merchant Marine. Hans Marx. Part I: **726**, 79. Part II: **728**, 101. Part III: **730**, 91.
U.S. Naval Engineering Experiment Station. W.D. Leggett, Jr. **579**, 517.
U.S. Naval Weapons Laboratory, Dahlgren, Virginia **788**, 89.
U.S. Navy Through 150 Years **545**, 883.
Waterways Experiment Station **571**, 1019.
Whidbey Island Naval Air Station. D.B. Mauldin **702**, 95.
The Wonderful World of Dilbert **790**, 83.
World Cruise of the Great White Fleet **668**, 87.
Yeomanettes of World War I: **658**, 1339.
Zeppelins in the German Navy, 1914-18: **641**, 752.
Pierce, E.M.: When Overtaking a Senior (anec) **785**, 37.
Pierce, G.W.: Magetostriction Oscillators **306**, 695.
Pierce, H.F.
  Famous Last Words (anec) **673**, 43.
  I am the Two-Headed Ogre (Keener) (C&D) **890**, 76.
  Sea Lawyers (anec) **665**, 69.
Pierce, H.W.: Water-tightness **337**, 325.
Pierce, R.K. **685**, 106.
Piercefield, Fremont: Containers and Containerships for the Military (ProfNote) **775**, 134.
Piet Hien (Neth. DD) **336**, 257.
Piezo-Electric Effect. W.H. Crew **331**, 805.

Pigafetta (FIN) **338**, 541. **343**, 1262. **344**, 1418.
Pigeons: Carrier Pigeons in German Navy, 1903: **108**, 974.
Pigeon Service
As Messengers of the Fleet. E.W. Eberle **84**, 615.
for Sea Service. H. Marion **64**, 589. **68**, 445.
for Sea Service, Homing. H. Marion **79**, 643.
in the Italian Navy. H. Marion (Tr.) **81**, 169.
Messenger Service
Eberle, E.W. **76**, 835.
Marion, H. **58**, 323.
Proposed Naval Messenger. H. Marion **54**, 438.
Service... A.M. Knight **72**, 789.
Pigeon (USS) **250**, 2076. **449**, 1003.
Pihl, P.E.: Happy Landings **342**, 1018.
Pilgrims at Southampton: See: Cover Pictures--December 1951.
Pilgrims: Plymouth Colony Beachhead. S.E. Morison **622**, 1345.
Pillsbury, J.D.: Truk: "Tourist" Attraction **545**, 853.
Pillsbury, J.E.
Charts and Chart-making **29**, 187.
The Gulf Stream **72**, 821.
Wilkes' and d'Urville's Discoveries in Wilkes Land **134**, 465.
Pilot Cables: See: Cables.
Pilot chart of upper air. C.C. Baughman **300**, 130.
Pilot Ladders **707**, 120. **717**, 119.
Piloting
See also: Seamanship.
Feasibility of the Franklin Piloting Technique (ProfNote). E.B. Brown **800**, 144. **804**, 92. **805**, 99. **810**, 98. **816**, 86.
New Maneuvering Order (ProfNote). O.N. Rask **840**, 112.
Piloting System, Hanson Audio **326**, 347.
Piloting Techniques (ProfNote). L.E. Pellock **816**, 99. **820**, 92. **827**, 85.
Safe Bearing (ProfNote). E.R. King **753**, 143. **757**, 122.
Pilots
Air: Rebirth of the Blues **858**, 25.
Hoist Him In! (ProfNote). J.M. Palmer **760**, 148.
NavCad or College Grad? J.E. Williams **830**, 49. **833**, 92. **837**, 95, 96.
Pilot Shortage Continues (Nbk) **783**, 142.
Pilot Training--Time for Improvement. W.A. Speer and J.B. Kusewitt **829**, 31.
Professional Notes. A.G. Graham **633**, 1279.
Pilots, R.A.F. "Catafighter": Catapult Off--Parachute Back. J.E. Wise, Jr. **859**, 70.
Pinchin, E.T. **373**, 405.
Pinckney (USS): See: Farenholt, A. **128**, 1279.
Pine, J. **564**, 212.
Friendly Enemies (anec) **599**, 63.
Pineau, Roger **641**, 687. **642**, 815. **658**, 1263. **719**, 142. **720**, 125. **722**, 130.
Book Review **780**, 110.
Co-Author: See: Toshikazu Ohmae.
Joint Author: See: Okumiya, M.; Yokoi, T.
Notable Naval Books of 1965 (C&D) **758**, 136.
Spirit of the Divine Wind **669**, 23.
Translator and Editor: See: Fuchida, M.; Yoshida, M.; Inoguchi, R.; Koyanagi, T.; and Okuymiya, M.
USS Noa and the Fall of Nanking **633**, 1221.
Pinedo, F. de **290**, 477. **293**, 828.
Pinkowski, E.
Northern Proving Grounds **533**, 813.
Seagoing Stevedores **525**, 1429.
Story of Training Courses **516**, 251.
Pink Patent Pumps Among the Brown Shoes (C&D) **814**, 83.
Pinney, F.L., Jr.: Thoroughly Modern Management (Boyle) (C&D) **845**, 98.
Pioneer (Confed.) **471**, 663.
Confederate Submarines (OldNav). G. Hagerman **895**, 74.
Pipeline, Aircraft--the Tail That Wags the Dog. T.R. McClellan **777**, 62.
Piper, W.E.: Personality Disorders: The Walking Wounded **851**, 50. **857**, 89.
Pipe Sweepers. C.A. Hinkamp **211**, 1477.
Piping Side: Origin **311**, 13.
Piping Systems
See also: Voice pipes.
Lead-lined Piping on Shipboard. R.D. Gatewood (illus) **140**, 1177.
Pips, Battle of the. B. McCandless **660**, 49. **665**, 108.
Pirates and Piracy
See also: Names of Pirates.
Account of Pirates **330**, 706.
An Act of Piracy (C&D) **873**, 81.
Barbary: Of Pirates and Rovers. C. Moran **410**, 511.
Barbary Pirates, Algeria... A.P. Niblack **242**, 571.
Battle of Perico. P.J. Searles **464**, 1411.
"Blackbeard!" (OldNav). I. Ross **860**, 71.
Buccaneers. C. Moran **465**, 1540.
Mohican (U.S.)-Forward Affair **394**, 1800.
Morgan, H.: Most Slandered Man in History. A.C. Smith **424**, 855. **426**, 1236.
Our Navy and the West Indian Pirates: A Documentary History. C.F. Goodrich **164**, 1171. **165**, 1461. **166**, 1923. **167**, 83. **168**, 313. **169**, 483. **170**, 683. **171**, 973. **172**, 1197. **173**, 1448. **174**, 1727. **175**, 2023.
Peter the Great, Pirate of Tortuga. W.W. Bradley **304**, 481.
Piracy--A Modern Conspectus. B.H. Brittin **747**, 71. **754**, 121.
Repression of Piracy in West Indies, 1814-1825: **140**, 1197.
Pirie, R.B. **522**, 1094. **527**, 82. **529**, 335. **539**, 89. **542**, 488. **543**, 633. **546**, 1030. **565**, 332.
Pirie-Gordon, H. **678**, 106.
Pisa (Italian battleship)
Description **126**, 718.
Launched; Description **124**, 1523.
Trials **133**, 279.
Piscataqua's Pirates. W.M. Greene **348**, 241. **353**, 1049.
Pisces Does Deep Salvage Job (Nbk) **804**, 130.
Pisces II Submarine Nears Completion (Nbk) **793**, 160.
Pisces III, Rescue of the (ProfNote). H.R. Talkington **856**, 114.
Pistols
See also: Guns (small arms); Guns and Gunnery.
Pistol Practice: See: Revolver Practice.
Pitcairn Island: Descendants of Bounty Br.) Mutineers **410**, 606.
Pith, Corn Pith in Cofferdams **82**, 378.
Pitt, A.S. **501**, 1396. **503**, 86. **515**, 86. **519**, 714. **530**, 461. **669**, 117.
Pitt, William (1st Earl of Chatham) **420**, 187.
Pittard, G.F. **489**, 1486.
Pittman, J.R.: You've Got It Wrong, Sailor (anec) **765**, 59.
Pittman, W.C.: The Naval Shore Establishment and Parkinson's Laws (Morton) (C&D) **872**, 88.
Pittsburgh (USS) **330**, 752. **345**, 1573.
Pius XI Pope **230**, 687.
Pizarro, G.: Land of Cinnamon Expedition **382**, 1767.
Placilla, The Battle of La. W.S. Muse **69**, 77.
Planchar, R.O.: The North Sea (Langeraar) (C&D) **803**, 94. **775**, 114.
Planetarium
German Museum, Munich. I.W. Bauersfeld **267**, 761. **268**, 1105.
Naval Academy Gets Planetarium. W.B. Hayler **588**, 168.
Naval Academy Planetarium (ProfNote). W.F. Fahey **750**, 136.
Zeiss **329**, 660.
Myers, G.B. **405**, 1570.
Planets
Neptune **269**, 1197.
Pluto. W.M. Wynne **344**, 1341.
Prominent Astronomical Discoveries. C.G. Richardson **344**, 1359.
Plan For All Seasons. H.N. Lyon **797**, 35. **802**, 108, 109.
Planisphere: Home-made. A.N. Wood **271**, 1711.
Plankton Hull-Drag Factor? (Nbk) **783**, 143. **790**, 104.
Planned Maintenance System (PMS): 3M Co-ordinator--A Primary, Full-time Job (C&D). R.L. Madouse **814**, 84.
Planning
Are Critiques Critical? **705**, 108.
Contemporary Defense Planning. A.B.F. Fraser-Harris **702**, 69.
Contingency Planning: A New Perspective. D.R. Hughes **789**, 26.
Disaster Through Glamor. J.K. Taussig, Jr. **701**, 46. **707**, 110.
"The One Best Way" to Oblivion? R.A. Beaumont **790**, 37. **803**, 98.
Planning and Estimating at Navy Yards. G.H. Rock **244**, 969.
Wargaming the Cold War. M.T. Price **673**, 44.
Wet Navy and a Dry Navy? W.C. Fortune **708**, 19. **712**, 106, 108, 109. **714**, 112.
Planning Factors: Above Averages (ProfNote). J.K. Deuel **805**, 120.
Plant, Captain. G. Howell **313**, 206.
Plant, Pascal: Transplanted Torpedoman (OldNav). F.H. Winter **857**, 80.
Plastics in Ships Being Tested By Royal Navy (Nbk) **806**, 132.
Plating, Chromium **282**, 1625. **288**, 218. **326**, 363.
Plato, A.I.: The DX Competition (Devanney) (C&D) **874**, 71.
Platte, W.A.
U.S. Navy's People-to-People Program **689**, 55.
You and the Military Mind Controversy **670**, 105.
Pleadwell, F.: Strange Adventure in Wales **257**, 1094.
Plea for talking shop. J.F. Madden **323**, 28.
Pleasure Boats and Oil Spills (C&D) **854**, 103.
Plebe's First Night on the Santee (Song) **146**, 772.
Plotting
See also: Charts.
Instantaneous position plotter and course indicator. R.C. Smith (illus) **127**, 1019.
Skeleton, or plotting, charts. R. Stone **137**, 217.
When plotting three bearings and they fail to cross in a point. C.H. Burrage **139**, 1011.
Plotting Board: See: Navigation.
"Plucking" Board: See: Items under U.S. Navy; Promotion and Pay.
Pluddemann, Rear-Admiral: Comments on Spanish-American War **87**, 771.
Plumb, R.J.
Alcadle of Monterey **791**, 72.
Yankee Paymaster **896**, 50.
Plummer, C.J. **571**, 1029.
Adapting Ocean Steamers to Inland Waterways **473**, 929.
Use of anchors in Maneuvering **469**, 388.
Plummer, J.E.: Mariner and the Arctic **668**, 49.

Plunger (U.S. submarine): Launched **101**, 135.
Plunkett, R.D. (BkRev) **744**, 125.
Nikolay Zubov--Russia's Newest Oceanographic Class Ships (ProfNote) **816**, 97.
Plunkett, T. **254**, 599.
Pluto. W.M. Wynne **344**, 1341.
Pluton (FN) **337**, 401. **339**, 680. **350**, 617.
Description **146**, 842.
Description; plan **149**, 197.
Wreck **445**, 462.
Pluviose (Fr. submarine): Trials **127**, 1053.
Plymouth Colony Beachhead. S.E. Morison **622**, 1345.
Plymouth (U.S.) **437**, 1038.
Voyages to Japan, 1851: **137**, 257.
PN-9 No. 1 (U.S. seaplane) **274**, 2258. **284**, 2022. **307**, 731.
PN-9 Flying Boat: They Sailed to the Flying Boat's Future. W.B. Murphy **753**, 82.
PN-11 (U.S. seaplane) **330**, 696.
PN-12 (U.S. seaplane) **305**, 613. **330**, 696.
Pneumatic Torpedo Gun
The Naval Uses of. E.L. Zalinski **44**, 9.
Water Elevating Apparatus. A. Rust **42**, 490.
Pobieda (Russ. battleship)
Description **102**, 369.
Trials **101**, 126.
Pocket Battleships: Bring Back the Midgets (C&D) **780**, 108.
Podhorsky, René **704**, 121. **707**, 113. **711**, 118, 119.
Admiral Makarov: Attack! Attack! Attack! (C&D) **768**, 120. **771**, 125.
Howell Automobile Torpedo (C&D) **769**, 115.
Poe, D.T.: Command and Control, Changeless--Yet Changing **860**, 22. **865**, 78. **871**, 80.
Poe, W.H.: Another Task for the LST (ProfNote) **792**, 130.
Poems: "Governor-General or a Hobo?" L.A. Cotten **627**, 587.
Poetry
Cowper, W. Royal George (Br.) **431**, 78.
Dennis, the Pig **566**, 441.
King and Mouse **588**, 202.
Kipling, R. **578**, 424. **586**, 1341. **592**, 667.
Masefield, J.: Queen Mary Launching **382**, 1785.
Masefield, John. M.F. Talbot **368**, 1393.
"My Ship" **386**, 572.
"Paper War," Essex (U.S.) **374**, 548.
Seven Ropes. T.S. Ross **610**, 1367.
Should Proceedings Publish Poetry and Fiction **665**, 110.
Thulia: A Tale of the Antarctic **433**, 363.
Poets of the great war. M.F. Talbot **347**, 33.
Pogue, Forrest C.: The Supreme Command **625**, 341.
Pohl, F.J. and L.B. Loeb: Americo Vespucio--Pioneer Celo-Navigator and Geographer **650**, 396.
Poictiers (Br.) capturing Wasp (U.S.) **435**, 779.
Poincare, R. **229**, 513.
Point Defense Missile System for Ships (Nbk) **779**, 145.
Poison Gas
See also: Gas Warfare; Warfare, Gas.
Poisoned Gases in the War (1915): **158**, 1327.
Pola Floating Dock **127**, 1051.
Pola (RIN) **337**, 402. **339**, 681. **343**, 1262. **346**, 1717. **348**, 291.
Poland
Armament Figures **346**, 1713.
Cabinet Changes **327**, 462. **335**, 132.
Gdynia **374**, 587.
Katyn Forest Massacre: Murder, or High Strategy? W.H. Standley and A.A. Ageton **596**, 1053.
Kingdom of Poland Proclaimed by Germany **166**, 2081.
Navy **201**, 1937. **226**, 1983. **318**, 722. **351**, 768.
Burza Was a Destroyer. A.A. Aronson **659**, 18.
Poland's Navy Fights On. W.L. Robinson **478**, 1682.
Today's Polish Navy--Significance in the Baltic. A.P. Guzowski **693**, 67.
Pilsudski **281**, 1464. **286**, 2639.
Poland Declares Republic (1918): **190**, 2905.
Polish Corridor. B.R. Ware **343**, 1238.
Polish Road to Socialism. J. Gellner **671**, 69.
Soviet Faith: Case Study of Poland. W.C. Hogan and P.J. Hogan **618**, 869.
Tin Can Gold Rush. S. Kinney **540**, 169.
Treatment of Germans Criticized **337**, 416.
Polar Exploration **358**, 1837.
See also: Antarctic, Arctic; Arctic Exploration.
Across Pole by Plane. F. Green **244**, 937.
Airplane **224**, 1665.
American Flignt **277**, 519.
Amundsen **232**, 1041. **247**, 1574. **251**, 130. **252**, 315.
Andree's Balloon Flight **244**, 940.
Antarctic, British Expedition **203**, 102.
Antarctic: Territorial Claims **323**, 80.
Byrd's Antarctic **306**, 710. **313**, 250.
Byrd's Flight to North Pole **282**, 1606.
DeHaven Arctic Expedition. A. Gleaves **305**, 579.
Finding Geographic Position. G.W. Littlehales **270**, 1339.
Flying Over Polar Sea. R.E. Byrd **270**, 1319.
Heroic DeLong and Followers. L.J. Gulliver **322**, 1015.
The Icy "Nyet!" R.D. Wells **782**, 73.
Land of Midnight Sun. F.J. Birkett **315**, 427.
Naval **253**, 479.
Navy and North Pole. F. Green **253**, 373.
Quest, Cruise of. **223**, 1466. **225**, 1840.
Radar Altimetry in Polar Regions (C&D) **796**, 108.
Wilkins' Antarctic **304**, 504. **306**, 710. **313**, 249.
ZR-1: **252**, 131. **254**, 650, 666.
Polar Flying, Some Aspects of. W.H. Kearns, Jr. **555**, 551.
Polar Icecap, Landing on. D.L. Moorhead **587**, 41.
Polar Navigation
Air Force Navigation, 1948. P.V.H. Weems **554**, 429. **560**, 1179.
High Speed Celestial Navigation in Polar Regions. P.V.H. Weems **593**, 781.
Icebreakers and Icebreaking. J.W. Naab, Jr. **712**, 45.
Modern Polar Navigation. A.B. Moody **586**, 1319.
Navigation Near Pole. H.D. Curtis **431**, 9.
Polar Celestial Navigation. P.V.H. Weems **369**, 1609.
Wrinkles in Polar Navigation. P. Miller **503**, 71.
Polar Question, The. J.W. Danenhower **35**, 633.
Polar Regions
Man and Materials in. G.W. Grupp **558**, 865.
Navy Overland Transportation Methods in. G.W. Grupp **560**, 1123.
Polar Seas: Our Vulnerable Flank. C.W. Thomas **576**, 147.
Polaris: See also: Missiles: Testing the Navy's Big Gun.
Polaris A3 Launching System (ProfNote). R.W. Dickieson **778**, 133.
Polaris Duty, Pinnacle or Predicament? J.T. Howe **774**, 26. **777**, 108, 109. (C&D) **779**, 105, 106, 107, 108.
Polaris Missile System: Polaris Logistics (ProfNote). D.W. Whelan **762**, 138.
Polaris Site One, Holy Loch (ProfNote). J.F. Heald **779**, 124.
Polaris Submarine Escort, Rickover Proposes (Nbk) **803**, 138.
Polaris Submarine, From Whom...Habitable. A.S. Levine **680**, 32.
Polaris Submarine Habitability (ProfNote). R.W. Dickieson **767**, 130.
Pole, Magnetic: The North Magnetic Pole **162**, 601.
Poleen, A. **294**, 898.
Police of Our Foreign Trade. G.H. Eckhardt **349**, 366.
Policy **325**, 257. **330**, 771. **337**, 414. **340**, 841.
See also: Under names of countries.
American Diplomacy in Far East. C.B. Mayo **347**, 57.
American Naval Policy and Tri-power Conference. W.L. Rogers **305**, 572.
Anglo-Japanese Alliance **221**, 1099.
Answer is 135,000 men. J.K. Taussig **248**, 1643.
Asiatic League **287**, 114.
Aspects of Our Present Naval Policy. A.O. Momm **313**, 195.
Balance of Power **204**, 272.
Balanced Fleet for Navy. J.K. Taussig **269**, 1107. **271**, 1744.
Better Preparation for War. A.W. Hinds **282**, 1496.
Book Review **325**, 259. **356**, 1513.
Brazil **330**, 771. **334**, 1155. **335**, 130.
Breaking Economic Strangle Holds. A.R. Blessing **351**, 707.
Broad aspect of our Pacific problem. W.V. Pratt **287**, 1.
Caribbean **292**, 712. **301**, 241. **345**, 1497.
China **252**, 330. **289**, 371. **295**, 1024. **305**, 618. **324**, 168. **333**, 1056. **335**, 133. **338**, 560.
China and League of Nations **345**, 1578.
Command in War **208**, 929.
Considerations Affecting Naval Policy. W.V. Pratt **237**, 1845.
Control of Seas by Air Department? H.M. Kieffer **274**, 2265.
Co-ordinating Army and Navy. W.F. Fullam **251**, 14.
Disarmament and National Defense. W.V. Pratt **319**, 751.
Do We Need Largest Navy in World? **207**, 764.
Down Went McGinty to Bottom of Sea. E.S.R. Brandt **347**, 67. **353**, 1052.
Economic Conference **335**, 130.
Economic Foreign Policy **323**, 81.
England **220**, 929. **222**, 1290. **264**, 330. **314**, 353.
English Views of U.S. **207**, 753. **252**, 291. **258**, 1319. **269**, 1267. **277**, 559.
Europe **242**, 1131. **344**, 1408. **346**, 1729.
Europe's Politicians Insincere. H.C. Bywater **250**, 2113.
Far East **350**, 594. **352**, 929, 931. **357**, 1659.
Far East Doctrine. C.C. Gill **235**, 1479.
Fighting-Man and "The Frocks." R. Hargreaves **597**, 1189.
Foreign Policy: See: International Relations.
For Honor of Flag. E. Snow **346**, 1661, 1704.
Formulation of Policy in Military Affairs. F. Metzner **618**, 882.
France **280**, 1199. **301**, 243. **303**, 423. **346**, 1728.
Functions of Naval Power. W.H. Gardiner **320**, 839.

Policy (Cont.)
Geneva **344**, 1413.
Gentlemen, the Navy! T.D. Robinson **272**, 1817.
German **324**, 168. **343**, 1281. **344**, 1414, 1428.
Good-will Visits **344**, 1429. **345**, 1587.
Haiti **324**, 165. **327**, 463. **325**, 255.
Hankow Incident. E. Colby **341**, 927. **343**, 1254.
Harding re **218**, 633.
History Repeats. O.C. Badger **267**, 707.
Immigration Issue in America and Japan. H.C. Bywater **257**, 1151.
Indian Round Table Conference. C.C. Baughman **340**, 769.
Indispensable Navy **278**, 722.
International Chambers of Commerce **341**, 989.
International Outlook. H.S. Knapp **221**, 1023.
Investments: See: Investments.
Is Navy Headed for Rocks? **258**, 1334.
Italy **253**, 504. **346**, 1729. **358**, 1830.
Its Relation to War... C.C. Gill **212**, 1609.
Japan **213**, 1838. **215**, 107. **221**, 1099. **244**, 1061. **246**, 1353. **258**, 1333. **264**, 297, 299. **344**, 1415. **346**, 1713. **349**, 432. **352**, 929. **353**, 1079. **354**, 1225.
Japan, U.S. and Great Britain **265**, 464.
Japanese Mandate Over Philippines **339**, 700.
Just Man Armed Keepeth His House in Order. H.P. Jones **243**, 759.
Keep Navy Strong. L. McNamee **243**, 801.
Latin-America **252**, 330. **292**, 696. **297**, 1237. **301**, 242. **338**, 556.
Liberian Slavery **337**, 416.
Little Entente **253**, 503.
London Treaty and American Naval Policy. D.W. Knox **342**, 1079. **345**, 1557, 1563.
Maintenance of Treaty Navy. T. Roosevelt **243**, 739.
Mexico **248**, 1758. **249**, 1950. **253**, 506. **270**, 1567. **284**, 2158.
Military
Geography, Technology and Military Policy. W.H. Hessler **530**, 379.
Military Conservatism. W.S. Sims **229**, 347.
Military Policy and National Security. R.E. Williams, Jr. **577**, 235.
Military Preparedness **272**, 1845.
Monroe Doctrine **252**, 330. **345**, 1494. **310**, 1067.
Richards, G. **356**, 1405.
Moral Preparedness. E.W. Stone **205**, 365.
Moratorium **242**, 1128. **343**, 1282. **344**, 1429.
Morocco—Diplomatic Complex. L.C. Dunn **263**, 28.
Move to Placate Japan. F.W. Wile **264**, 299.
National Policy **319**, 835.
Executing National Policy. H.N. Kenyon **486**, 1045.
National Competition for Supremacy at Sea. H.C. Bywater **258**, 1331.
National Policy and Naval Power. W.H. Gardiner **276**, 229. **278**, 724. **279**, 923. **280**, 1176.
National Policy and Transoceanic Navy. S.P. Huntington **615**, 483.
Naval Policy
History as Guide to Naval Policy. L.W. Batten, III: **544**, 743.
National and Naval Policies. I. Olch **485**, 925.
Naval Morale After War. W.S. Sims **235**, 1461.
Naval Policy and Sea-borne Commerce. D.W. Knox **320**, 852.
Naval Policy and World Politics. W.V. Pratt **245**, 1073.
Naval Policy At Crossroads. L.P. Lovette **326**, 269.
Naval Policy for Individual. J.M. Kennaday **519**, 691.
Naval in Peace and War. H.G. Brownson **342**, 1007.
Post-War Naval Policy. I. Olch **500**, 1309.
Wanted: New Naval Development Policy. F.G. Percival **483**, 655.
Navies and Peace **321**, 1006. **325**, 253.
Navy. R.E. Coontz **243**, 747.
Navy and 104 Years of Monroe Doctrine. L.C. Dunn **310**, 1067.
Navy as Aid in Carrying Out Diplomatic Policies. W.L. Rodgers **312**, 99.
Navy Can Help Keep Asia Quiet. H.C. Bywater **243**, 879.
Navy's Support of Foreign Policy. H.A. Rochester **345**, 1491.
Nicaraguan Policy of U.S. R.D. Tarbuck **324**, 113.
Open-door **345**, 1495. **357**, 1667, 1687.
Our Naval Building Program. T.G. Frothingham **319**, 805.
Our Naval Policy. W.V. Pratt **353**, 953. **355**, 1366, 1368-69.
Our Present Naval Situation. R.A. Koch **240**, 287.
Our Weakest Link. T.L. Gatch **289**, 267. **297**, 1214.
Pacific Maneuvers. M. Hironori **268**, 1085.
Pacific, Naval Policy in. W.P. Roop **241**, 409.
Pacific Problem
Blakeslee, G.H. **277**, 574.
Pratt, W.V. **287**, 1.
Pacific Zone Notes **235**, 1653. **237**, 1999. **270**, 1480. **285**, 2384. **286**, 2621. **299**, 69. **353**, 1080. **354**, 1217.
Panama **219**, 799. **337**, 414.
Philippines **339**, 700. **345**, 1563.
Poland **263**, 163.
Policy: Matrix of Strategy. G.C. Reinhardt and W.R. Kintner **612**, 145.
Policy and the Political Geographer. P.R. Winters **802**, 57. C&D: **810**, 96, 97.
Policy-Makers and the All-Volunteer Force, Military (C&D) **844**, 87.
Policy-Making: Road to Wisdom. R.L. Berkman **805**, 58. **809**, 109.
Polish Corridor. B.R. Ware **343**, 1238.
Political Aspects of Mineral Resources **345**, 1577.
Propaganda **266**, 622.
Reaction from Large Warships **324**, 162.
Recognition **336**, 1054.
Relation to, and bearing upon preparation for war. C.C. Gill **212**, 1609.
Report of Policy Board. W.P. McCann (President) **53**, 201.
Russia **232**, 1068. **324**, 168.
Seadrome Sovereignty **340**, 836.
Sea Power in Mediterranean **284**, 2107.
Situation in Pacific. K.B. Ferguson **270**, 1551.
South America. Alsace-Lorraine. J.M. Creighton **229**, 377.
Spain **342**, 1130.
Taking Navy Out of Politics **258**, 1340.
To Whom the Blame? B. Livingston **308**, 895.
Trade. D.W. Knox **297**, 1207.
Trade Barriers **286**, 2633.
Trend of Naval Affairs. R.E. Krause **266**, 521.
Turkey **299**, 73.
United States: Kellogg-Briand Pact: Violation **353**, 1054.
War Still Possible in Europe. H.C. Bywater **257**, 1148.
Whither? Some Aspects of Policy. B. Livingston **289**, 289.
Why Should Naval Officer Study American Foreign Policy? L.P. Lovette **327**, 426.
Why U.S. Asks Naval Equality. W.B. Howe **296**, 1056.
World Court: See: Hague.
World's Danger Spots **272**, 2023.
Yap **220**, 972.
Yugoslavia **253**, 504.
Policy and Power
Africa: Next Great Area of Crisis. M.H. Hellner **682**, 27.
America's Moment of Truth. R.E. Williams **625**, 245.
Balanced Forces or Counterforce. G.E. Lowe **710**, 23.
Changing Nature of Power. C.H. Amme **721**, 27.
Critical Tomorrows. H.W. Baldwin **718**, 23.
Is NATO Expendable? Robert Strausz-Hupé **655**, 923.
Middle East Challenge. Brown Taylor **657**, 1196.
Morality and the Communist Menace. K.W. Simmons **707**, 78. **713**, 117. **714**, 112.
Navy and National Policy. L.K. Pomeroy, Jr. **686**, 90.
Navy's Politico-Military Program—Where Pen Meets Sword. G.M. Hagerman **729**, 44. **734**, 111. **738**, 117.
Politico-Military Policy in Today's Navy. E.F. Baldridge **673**, 31.
Power Vacuum **718**, 106.
Role of the Navy in Cold War. D.J. Carrison **676**, 57.
Sea, Land, Air, and Missile Power. A.E. Sokol **687**, 27.
Sword and Shield in Our Power Structure. A.E. Sokol **674**, 49.
World Environment of 1973. G.F. Eliot **719**, 25.
Political and Commercial Philosophies: Navies in War and in Peace (Part 10). S.G. Gorshkov **860**, 56.
Political Gaming. L.P. Bloomfield **691**, 57.
Politico-Military Affairs, Naval Officer's Role in. W.M. Kaufman **682**, 53. **690**, 115.
Politico-Military Policy
The Amphibious Force: A Ready Political Instrument. W.F. Mellin, Jr. **894**, 40.
Case for Oceanic Strategy. G.E. Lowe **784**, 26. **788**, 110.
Damage Limitation: A New Strategic Panacea? G.E. Lowe **748**, 38. **752**, 110, 111, 112. **756**, 108.
Erosion of an Ethic. R.P. Dunwell **889**, 56. **892**, 89. **894**, 66.
Guidance: Expansion of the Military Mind. W.L. Jesse **856**, 24. **863**, 83.
The Military and Power in the United States. R.J. Kurth **747**, 38. **751**, 108, 110, 111.
National Policy in the War of Wills. R.C. Bowman **746**, 46.
Office of International Security Affairs. T.J. Bigley **758**, 61.
The Only Option? G.E. Lowe **818**, 18. **825**, 86. **826**, 88. **827**, 94. **830**, 96, 97. **832**, 105.
Patience: Bedrock of Strategy in the 1960s. W.H. Hessler **744**, 26. **747**, 112.
Policy Planning Council. R.G. Colbert and R.N. Ginsburgh **758**, 73.
Politico-Military Policy in Today's Navy. E.F. Baldridge **673**, 31.
Role of the Services in Support of Foreign Policy (NavRev). J.F. Holloway, Jr. **879**, 66.

Where Do We Go From Here? J.E. Greenbacker **880**, 18.
Politico-Military Strategy: "Vietnams and Munichs". G.E. Lowe **764**, 62. **767**, 97.
Politics and Power
After Communism, What? P.R. Schratz **689**, 38.
The Military and Politics. H.J. Sage **860**, 47.
Military Pulse in Soviet Politics. P.R. Schratz **776**, 76. C&D: **780**, 108.
Political Activity and the Naval Service. S.E. Vecchi **760**, 84. **765**, 127.
Political Trends in Former French Territories of Black America. C.H. Amme, Jr. **714**, 35.
Politics and the Naval Officer. A.G. Nelson **703**, 29. **707**, 116. **708**, 118.
Politics for Legionnaries. J.G. Harboard **285**, 2309.
Should Politics Be Taboo? G.D. Patterson, III: **715**, 40.
Pollack, E.G.: Amphibious Containers (ProfNote). E.G. Pollack **725**, 136.
Pollack, R.E.: When Meeting a Merchant Vessel (ProfNote) **741**, 137.
Pollak, Charles **730**, 121.
Pollak, E.G. **605**, 783.
From Dover Straits to Corregidor Deep **588**, 149.
Jungle Warfare (anec) **556**, 671.
Like Bat Out of Hell (anec) **576**, 145.
New Rate (anec) **663**, 74.
Only Kick in Pants (anec) **566**, 377.
With Apologies to Psychiatrists (anec) **569**, 765.
Pollak, M.J. **610**, 1366.
Pollard, F.C. **572**, 1139. **607**, 1020. **681**, 103. **707**, 113. **711**, 118, 119.
Advisor to the President (anec) **758**, 81.
Aye, Aye, Sir (anec) **651**, 535.
Flag Fatigue (anec) **746**, 75.
Height of Forehandedness (anec) **615**, 551.
May Day--Over and Out (anec) **750**, 73.
Portrait of Fleet Admiral Ernest J. King (C&D) **799**, 101.
Pollard, J.B. **472**, 858. **476**, 1460. **484**, 876. **491**, 67. **495**, 574. **510**, 956. **511**, 1089. **516**, 292.
Pollard, J.M.: The Resistance of Air to the Motion of Projectiles **44**, 97.
Pollen, Arthur
Analysis of U-boat Losses (1917): **176**, 2412.
Battle of Jutland **164**, 1341.
Bombing of Zeebrugge **187**, 2207.
Can Submarines Combine? **188**, 2437.
The Channel Straits **184**, 1354.
Defeat of the Submarine **189**, 2658.
The First Sea Lord (Sir R. Wemyss) **181**, 604.
Germany's Baltic Victory **178**, 3041.
Germany's Lost Illusions **186**, 1926.
Influence of Torpedo on Ship Construction **168**, 403.
Jutland Anniversary **186**, 1912.
Jutland: Twelve Months After **174**, 1886.
Lord Jellicoe's Case **194**, 651.
The Naval Crisis, and Admiralty Reforms **173**, 1485.
On the Appointment of Admiral Sims **174**, 1895.
Position of Great Britain at Sea **173**, 1497.
The Submarine Campaign (1918): **183**, 1160.
Submarine Situation Comments **178**, 3066.
What Is Victory? **191**, 148.
Pollister, E.B. **336**, 247.
Pollock, D.K.: Navigation Deluxe (anec) **569**, 714.
Pollock, E.T. **288**, 190. **293**, 797.
American Samoa **295**, 1029.
Captured, Shipwrecked, and Marooned **290**, 427.
Naval Observatory: Its Function **281**, 1356.
Pollock, T.F.
Aerial Survey of Southeastern Alaska, 1948: **565**, 303.
Weapons Systems Evaluation Group (ProfNote) **769**, 139.
Pollock Naval Station: Repairs for, 1902: **101**, 133.
Pollution
Black Tide of the Torrey Canyon (ProfNote). T.B. Wilson, Jr. **778**, 133.
Black Wake of the Torrey Canyon. J.M. Marshall **778**, 38. C&D: **782**, 100, 102.
Coast Guard to Search for Sunken Tanker (Nbk) **779**, 147.
Enforcement of the 1973 Marine Pollution Convention. D.H. Williams **886**, 39.
Harbor Pollution by Flotsam and Jetsam (ProfNote). A.W. Kabernagel **771**, 152.
How to Treat Oil Pollution (Nbk) **786**, 156.
Japan Worse Offender in Tanker Oil Pollution (Nbk) **812**, 104.
Keeping the Seas Clean: An International Concern (ProfNote). C.L. Cochran **864**, 97.
"Mattress" Slick End to Slicks (Nbk) **802**, 163.
Nothing But Blue Skies. R. Leider **832**, 27. **836**, 85, 87, 88.
Oil Pollution (ProfNote). A.W. Kabernagel **757**, 148.
Oil Pollution--Carelessness or Crime? (C&D) **842**, 83. **844**, 95. **847**, 87.
Oil Pollution, No Solution? T.A. Clingan, Jr. **795**, 63. **799**, 121.
Pesticide Pollution Cited (Nbk) **802**, 156.
Pollution Abatement--We Do Our Part. J.B. Holt **847**, 68.
Pollution of Air and Water Is Target of Nixon Order (Nbk) **806**, 131.
Pollution of the Coastal Ocean and the Great Lakes (NavRev). M.G. Gross **819**, 228.
Pollution Solutions (Nbk) **828**, 126.
Risk of Pollution in Seas Is Problem (Nbk) **773**, 154.
Sea Pollution Laws Called Obsolete (Nbk) **776**, 149.
Super Sponge Soaks Up Oil Spills (Nbk) **784**, 144.
U.S. Coast Guard and Control of Oceanic Pollution (NavRev). H.D. Williams **879**, 146. **883**, 78. **887**, 82, 83.
We Do Our Part. C.L. Bekkedahl **802**, 40. **809**, 103.
Polly (U.S. schooner) **396**, 229.
Polmar, N.C. **658**, 1349. **673**, 101. **685**, 110.
Polmar, Norman **703**, 104. **721**, 111. **722**, 121. **727**, 103.
Book Reviews **774**, 119. **861**, 106. **886**, 89.
High Low (Zumwalt) (C&D) **888**, 74.
Mine as a Tool of Limited War (C&D) **772**, 103.
Needed: A Pocket Battleship (C&D) **783**, 114.
Sea Control Ship and the Navy Mission (C&D) **853**, 92. **876**, 81, 82.
Sea Control Ship Concept: Down the Drain (Callahan); Sea Control Aircraft: the Case for the Chopper (Klippert); Naval Aircraft of the Next Decade (De La Mater); Sea Control Ship and the Navy Mission (Polmar) (C&D) **876**, 82.
Ship Classification--Time for Overhaul (O'Neil) (C&D) **839**, 97.
Soviet "Aircraft Carrier" (NavRev) **855**, 143.
The Soviet Aircraft Carrier **884**, 138. **888**, 79. **897**, 80.
The Soviet Naval Air Force (ProfNote) **889**, 96. **892**, 84.
Soviet Navy Surface-to-Surface Missiles (Hewish) (C&D) **893**, 90.
Soviet Shipbuilding and Shipyards (NavRev) **831**, 272.
Thinking About Soviet ASW (NavRev) **879**, 108.
Poltava (Russ. battleship)
Description **135**, 884.
Launched; description **139**, 1070.
Plans **142**, 775.
Polynesian Navigation
Edwards, D.J. **451**, 1284.
Sacred Calabash. H. Rodman **294**, 867.
They Made It, But How? (ProfNote). R.H. Gulmon **860**, 106. **865**, 75.
Polynesian (SS): Torpedoed **188**, 2473.
Polyphemus (HMS) **334**, 1095.
Polyurethane Foam, a New Salvage Tool (ProfNote). W.L. Marshall **791**, 132.
Pomeroy, A.S.: Continuing Strategic Importance of Simonstown (Watt) (C&D) **805**, 100.
Pomeroy, E.S.
Colonial Administration by United States Naval Officers **488**, 1320.
Navy and Colonial Government **505**, 291.
Problem of American Overseas Bases: Some Reflections on Naval History **532**, 689.
Pomeroy, L.K., Jr.: Navy and National Policy **686**, 90.
Pommern (Ger. battleship): Loss of the. **159**, 1734.
Pompano (U.S.) **449**, 1067.
Pomrening, G.E.: Efficiency Navy (anec) **689**, 73.
Poncelet (Fr) **345**, 1568. **352**, 925. **356**, 1525.
Pond, Charles E.: Naval Discipline **144**, 1369.
Pond, J.E. **599**, 87.
An American Way of Doing Things **466**, 1736.
Eruption of Krakatoa **402**, 1141.
Naval Training **227**, 1.
Relation of Personnel to Material **221**, 991.
Truth Stranger than Fiction **439**, 1309.
United States Navy and San Francisco Fire **595**, 983.
Pons, J.E.: Battlefield Guided Weapons: The Big Equalizer (Wilson) (C&D) **869**, 78.
Ponte, Lowell
Against All Enemies (Hanks) (C&D) **809**, 92.
Last Muster for the Citizens' Army? (Katauskas) (C&D) **840**, 97.
The Press: A Matter of Perspective (Leider) (C&D) **849**, 93.
SABMIS and the Future of Strategic Warfare (Schneider) (C&D) **801**, 119.
Pontiac (U.S.): Admiral Luce's Pontiac. J.D. Hayes **648**, 159.
Poole, Burnell (artist)
A Fast Convoy--July 1971 Cover.
USS Stockton (DD-73)--May 1966 Cover.
Poole, Francis
Alcantara vs. Greif: Fuel of the Merchant Cruisers **869**, 52.
"All Hands Coal Ship" (OldNav) **791**, 141.
Aping His Master (anec) **857**, 51.
"Cheeky Boy" Takes Charge (OldNav) **839**, 81.
Collective Security and the Defense of Shipping (Schofield) (C&D) **798**, 115.
They Also Served, and Served (OldNav) **822**, 80.
The T.B. 3 and the Savage Sea **861**,

Poole, Francis (Cont.)
The T.B. 3 (Cont.) 40.
Poole, J.K.: Return to Station (anec) **698**, 75.
Poor, C.L.: Naval Reserve in Peace **203**, 39.
Poore, R.E.: Farewell to "Spads" (C&D) **750**, 110. **754**, 117.
Pope, C.L. **684**, 100.
Pope, C.R.: The Trial of Chaplain Jensen (Schratz) (C&D) **863**, 79. **868**, 83.
Pope, R.E.: On the naval strategy of the Russo-Japanese War **133**, 263.
Popovkas (Rus.)
Admiral Makarov: Attack! Attack! Attack! (C&D) **768**, 119, 120. **771**, 125.
Circular Ironclads: See: D.W. Mitchell. Admiral Makarov: Attack! Attack! Attack!
Popp, Friedrich: Overland Transport of German Ships During World War II: **623**, 27. **631**, 1045.
Poppe, G.T.: No Can Do (anec) **751**, 77.
Poppen, J.R.
Birth Month Physical Examinations **531**, 551.
Forewarned Is Forearmed (anec) **574**, 1359.
"Why Am I Not Fit to Fly?" **400**, 811.
Popper, W.: Performance of Medieval Cannon **448**, 790.
Population, Stationary, to prevent war **323**, 80.
Population Trends: 1985: Where Did All the Young Men Go? (ProfNote). R.T.E. Bowler, III: **898**, 99.
Porath, Reuben
The Israeli Navy **823**, 33.
Small Combatants--1972 (Baker) (C&D) **837**, 86.
Porpoise (USS) **323**, 49. **341**, 868. **337**, 398. **350**, 613. **353**, 1070. **357**, 1675. **377**, 951. **429**, 1625. **432**, 190. **473**, 967.
Historic Ships of Navy. R.W. Neeser **447**, 647.
USS Porpoise and Ken Whiting (OldNav). G. Van Deurs **835**, 80.
Porpoises
Porpoise Trained to Drive Off Sharks (Nbk) **827**, 110.
Time Has Come, the Porpoise Said... A.T. Church, Jr. **839**, 34. **846**, 99.
Port, M.H.: Navy Takes Care of Its Own--and Its Laundry! (anec) **562**, 1361.
Porta, Charles: Two Astronomical Formulas **189**, 2595.
Port Arthur
Century of. Hyman Kublin **651**, 505.
Defenses of. **106**, 513.
Operations Around Port Arthur: Official Version of Japanese General Staff. W.F. Hoadley, Tr. (illus) **154**, 1627. **158**, 1139. **159**, 1507.
Port Director
First Assistant to Forces Afloat. F.J. Nelson **536**, 1175. **539**, 79.
Naval, Experiences of, 1939-45. D.D. Mercer **564**, 181.
Port of London Authority (Pict). R.D. Wells **823**, 64.
Port Philip (SS): Sunk in Collision With U.S. Collier **189**, 2674.
Port Protection--Prelude to Invasion. M.J. Coles **506**, 427.
Port Royal, Battle of. Rodgers, W.L.: Capture of Port Royal, 1861 (maps) **112**, 709.
Port Royal Disciplinary Barracks
Classification of the Personnel at U.S. Naval Disciplinary Barracks, Port Royal, S.C. W.L. Mann **147**, 1085.
U.S. Naval Disciplinary Barracks, Port Royal, S.C. C.B. Hatch **144**, 1379.
Port Royal, South Carolina: Battle of Port Royal **359**, 21.
Porter, C.L. **683**, 110.
Porter, D. **298**, 1309. **329**, 637. **347**, 9. **355**, 1336. **444**, 218. **644**, 1138. **853**, 94.
See also: Cover Pictures--June 1955.
Admiral Porter. G.P. Colvocoresses **125**, 309.
Campaign Against Pirates: Piracy in the West Indies. C.G. Calkins **140**, 1221.
Courtmartial of Commodore David Porter. E.L. Beach **124**, 1391.
Courtmartial and Resignation (1825). Piracy in the West Indies. C.G. Calkins **140**, 1236.
David Dixon Porter (Adm), Strategist for a Navy in Transition (OldNav). K.J. Hagan **785**, 139.
David Porter: Pioneer Pacific Strategist (OldNav). W.P. Strauss **768**, 158. **772**, 105.
Davy Jones, Here We Come **724**, 121.
John Gamble, U.S. Marine. C.C. Hanks **467**, 33.
Lieutenant David Dixon Porter and His Camels. M.W. Cagle **658**, 1327.
A Marine at the Conn? (OldNav). W.H. Langenberg **885**, 69.
Memorial Window **292**, 644.
Mississippi Squadron, 1863: **376**, 809.
Naval administration under the Navy Commissioners, 1815-1842. C.O. Paullin **122**, 597.
Photograph of D.D. Porter with his staff aboard USS Malvern, 1864: **143**, 990.
Pioneer of America's Pacific Empire; David Porter **126**, 543.
Porter's Dire Need of Bases. D.W. Knox **369**, 1537.
Relations Between Farragut and Porter. R. West **389**, 985.
Reproduction of Portrait by Chappel **165**, 1467.
"Spy" Lands at Babylon. C.C. Hanks **569**, 778.
Suppressed Mutiny on Essex. L. Hunt **369**, 1547. **374**, 548.
Porter, H.H. **494**, 441.
Porter, J.O.: Secondary Meridians **349**, 368.
Porter, P.E. Refueling at Sea (Cover) (C&D) **821**, 98.
Porter, R.: Williamstown Institute of Politics **272**, 2023.
Porter, R.L.
"Maladie de Paix" (C&D) **755**, 111.
Monkey Fists, Fox and Geese, and the New Ensign (Schnieder) (C&D) **809**, 105.
Porter, Richard G.: Shipboard Drug Abuse (Helms) (C&D) **877**, 114.
Porter, W.B.
Development of Destroyer Watch Officer **520**, 775.
Gunboat Saga **494**, 421.
Training and Recreation in Small Ships **502**, 1481.
Porter, W.H.: Gun Systems? For Air Defense? (O'Neil) (C&D) **827**, 92.
Porter, W.R. (co-author): See: J.J. Stilwell.
Porter, William David: Commodore William D. "Dirty Bill" Porter. D.M. Wegner **888**, 40.
Portland (USS) **330**, 753. **337**, 399. **351**, 762. **353**, 1068. **354**, 1220.
Portlock, R.E.: The Brief (anec) **748**, 37.
Porto Bello, 1739: See: Cover Pictures--February, 1953.
Porto Rico and Cuba, Former Military and Naval Operations Against. C.H. Stockton **95**, 457.
Porto Rico: Error in Charts **357**, 1680.
Ports and Harbors
Containerization and the Ports: The Load Center Concept (ProfNote). S.W. Emery, Jr. **824**, 103.
Resurgent Rotterdam. G.M.W. Acda **806**, 70.
Rotterdam: Great Port of the World (Pict) **806**, 76.
U.S.: Statistics **228**, 299.
Portsmouth (England): Portsmouth Dock-Yard Museum **135**, 912.
Portsmouth (N.H.) Dry dock **113**, 235.
Portsmouth (USS) **281**, 1339. **437**, 973. **494**, 442.
See also: Farenholt, A. **128**, 1279.
Engagements with Chinese Forts. 1856. In Paullin, C.O.: Early Voyages **138**, 393.
Origin of the USS Portsmouth. T.O. Selfridge **163**, 913.
Portugal **226**, 1988. **281**, 1466. **290**, 495.
Army: Portuguese Army in 1916: **162**, 638.
Extraordinary Roll. M.M.S. Rodrigues **579**, 499. **581**, 763. **582**, 882. **586**, 1338. **588**, 199.
Navy **208**, 973. **343**, 1263. **344**, 1417.
Portugal as Ally. W.J. Freitas **586**, 1305.
Portuguese Navy in 1913: **114**, 388. 1916: **162**, 574. Program 1912: **142**, 773. 1913: **148**, 1757. 1914: **149**, 234.
Prince Henry the Navigator. W.B. Lewis **693**, 63.
Revolutions **340**, 843. **344**, 1430.
St. George's Graveyard, Lisbon **423**, 786.
Vessels Building, 1916: **163**, 940. **164**, 1281.
Portugal, R.S.: Value Engineering--Profit Sharing Technique (ProfNote) **763**, 147.
Portugal (Russ. hospital ship): Torpedoed by German submarine **163**, 1045.
Portugues Apparelho Automatic... (Tr.) A.G. Winterhalter **30**, 519.
Portusach, Frank: History of Capture of Guam by the USS Charleston **170**, 707.
Portz, M.H.: Why Primary Flight Training? **496**, 671.
Poseidon, Project: See: T.E. Shea.
Poseidon and Minuteman. D.A. Paolucci **786**, 46.
Poseidon (Eng.) **319**, 807. **343**, 1262. **347**, 125. **350**, 614. **358**, 1827.
Posen (Ger. battleship): Launched; description **129**, 289.
Position Finder, Fiske **62**, 310.
Verifier. A.H. Porter **96**, 623.
Position Finding: See: Altitude and Azimuth; Navigation.
Position-keeping System (C&D). M.A. Garger **803**, 97. **811**, 96.
Positive Identification Radar Advisory Zone: PIRAZ (ProfNote). G.E. Lockee **794**, 143.
Posokhow, S.: Battle of Tsushima **326**, 285.
Possony, S.T.
Battle, No Longer the Pay-off? **810**, 32.
Decision Without Battle **520**, 761.
European Russia's Inland Waterways--Past, Present, and Future **534**, 937.
Japanese Naval Strategy **495**, 515.
Vindication of Sea Power **511**, 1033.
Post, Charles A.: Diary on the blockade in 1863: **188**, 2333. **189**, 2567.
Post, J.E.: Stingray '70 (West) (C&D) **806**, 101.
Post, W.K.: Case of Captain Lawrence **401**, 969.
Postel, W.F.: U.S. Navy--50 Years Later (C&D) **848**, 144. **853**, 97.
Posters, World War I, Recruiting (Pict) **828**, 68.
Postgraduate Education, A New Approach to. (C&D) D.F. Mitchell **787**, 105.

Postgraduate Education and Promotion: A Significant Relationship? D.A. Paolucci and F.I. Collins, Jr. **767**, 56. **771**, 125. **772**, 107. **776**, 105.
Postgraduate Selection (C&D) **841**, 107.
Postgraduate Study: Graduate Education--Continuing Imperative. Mason Freeman **847**, 56. **850**, 87.
Postgraduate Schools: See: Education.
Mysterious PG Selection Process. E.W. Lull **782**, 41. **787**, 106.
Naval Postgraduate School, Sixty Years Young. R.W. McNitt **808**, 68.
P.G. School. F.H. Featherston **730**, 62. **733**, 110.
PG School (Pict). Ted Jorgenson **808**, 79.
Technical PG Quandary. J.G. Carl **727**, 42. **733**, 111, 112.
Postgraduate Study: Graduate Education--Continuing Imperative (C&D) **851**, 85. **854**, 103, 105.
Postich, George (co-author): See: H.L. Jones.
Postmarks: See: Mail.
Post Office: See: Mail.
Post-Treaty Naval Design. H.C. Bywater and M. Prendergast **273**, 2135.
Posture: See: Athletics.
Potash: Germany and the Potash Industry **173**, 1578.
Poteet, F.H.: Joining U.S. Navy **329**, 619.
Potemkin Mutiny. G. Bennett **679**, 58.
Pothuan, A.: Recreation and Refuge for the Crews... D. Kennedy, Tr. **7**, 135.
Potomac Flotilla, Child's Recollections of. J.M. Ellicott **384**, 185.
Potomac River Naval Command (Pict) **613**, 325.
Potomac (USS)
Cruise to Orient, 1831-2: **135**, 707.
An Early Globe-Circling Cruise. E.S. Maclay **134**, 481.
Potter, A.M. **596**, 1149.
Potter, D. **358**, 1846.
Naval Appropriation Bill **358**, 1723, 1802.
Naval Finance and Supply School **402**, 1138.
"Old Half-Seas Under" (Katahdin) **467**, 57. **470**, 553.
Training Government Officials **262**, 1982.
Potter, David
On the purchase system of the navy **118**, 705.
On storekeeping at the navy yards **122**, 825.
Our newest navy; how its cost is being determined **192**, 201.
The Pay Corps of the Navy **178**, 2849.
Reckless Readings of a Naval Officer **191**, 61.
Some Remarks on the Workings of a Navy Yard Pay Office **120**, 1387.
Potter, E.B. **469**, 407. **483**, 721. **510**, 958. **529**, 336. **533**, 843. **534**, 984. **535**, 1113. **558**, 947. **585**, 1231. **606**, 905. **613**, 339. **666**, 109. **695**, 110. **722**, 124.
Admiral Nimitz and the Battle of Midway **881**, 60.
Book Review **803**, 107.
Chester William Nimitz, 1885-1966: **761**, 30. **764**, 126, 127. **766**, 135.
Command Personality **791**, 18. **796**, 98, 99.
The Cyclops Mystery (Nervig) (C&D) **803**, 91.
James Forrestal Fellowships in Naval History **563**, 73. **569**, 715.
Japanese Navy Tells Its Story **528**, 137.
King of the Oceans (Sanders) (C&D) **866**, 76.
Navy's War Against Japan **570**, 825.
Potts, Stacy: Proposed System of Drainage and Ventilation of State Rooms... **20**, 247.
Poughkeepsie (electric ferry-boat) **242**, 969.
Poulsen Arc **125**, 361.
Stone, E.W. **209**, 1049.
Poulsen, Valdemar
Lecture on Radiotelegraphy **122**, 883.
Lecture on Radiotelephony **126**, 739.
Pound's Island: Photo **130**, 465.
Poundstone, H.G.
Homer Clark Poundstone and All-Big-Gun Ship. D.R. Morris **544**, 707. **548**, 1293. **549**, 1427.
On Single Display Tactical Signals **106**, 421.
Proposed Armament for Type Battleship of U.S. Navy, with Suggestions for Armor Protection **106**, 369.
Size of battleships for U.S. Navy **105**, 161.
Powder
See also: Explosives; Guns and Gunnery.
The Development of Smokeless Powder. J.B. Bernadou **83**, 495. **85**, 25.
for Ordnance: Quick's Patent Perforated Cake. G. Quick **50**, 407.
French Small Arm Smokeless **66**, 213.
The Ideal Smokeless Powder **89**, 236.
in Guns. J.H. Glennon **52**, 21.
Powder Bags
Silk Powder Bag Substitute **189**, 2626.
Test of Silk Substitute for Powder Bags **190**, 2825.
Pressure of Smokeless Powder Gases in the Bore of Guns, by N. Zaboudski. J.B. Bernadou (Tr.) **75**, 537.
Pyro-Collodion Smokeless. J.B. Bernadou (Tr.) **84**, 645. **87**, 605.
Researches on the Effects of Gun Powder. M.E. Sarrau. Tr. by J.F. Meigs and R.R. Ingersoll **28**, 1.
Russian Smokeless **84**, 753.
Small Arm **39**, 642.
Smokeless. J. Strauss **100**, 733.
Smokeless Powder in War **79**, 670.
Specification for Smokeless **79**, 671.
Wave Action in Guns **90**, 430.
Powell, D.A., Jr. **676**, 103.
Powell, D.G.: Disciplining the All-Volunteer Force (Webster) (C&D) **865**, 77.
Powell, J.R., Jr.: Naval Aircraft in the Next Decade (De La Mater) (C&D) **859**, 91.
Powell, J.W.: On American Naval Policy **113**, 189.
Powell, P.P. **326**, 364.
Some Problems of Amphibious Commander **567**, 485.
Powell, W.H. **270**, 1473.
Powelson, W.V.N.: Navy Standard Voltage **103**, 711.
Power, Transmission of. **239**, 166.
Power and Policy
Changing Nature of Power. C.H. Amme **721**, 27.
Cold War Power Spectrum. J.A. Winnefeld **683**, 71.
Mediterranean Balance of Power, 1935-1957. W.E. Barnes **661**, 53.
The Navy's Politico-Military Program--Where Pen Meets Sword. G.M. Hagerman **729**, 44.
Power--In Shadow of New Tomorrow. R. Sibley **472**, 774.
Power in the Sea. S. Naymark **779**, 18.
Power Plants
Destroyer Helped Restore Power to New York City (Nbk) **755**, 154.
"Power Ships" to be Available in Emergencies (Nbk) **760**, 156.
Supercharged Steam Generating Plants (ProfNote). D.A. Smith **742**, 134.
Powers, F.D. **581**, 764.
Powers, Francis Gary: See: Espionage: U-2 Revisited.
Powers, J.L.
Fifty-Fifty--Some Nice, Some Nifty (anec) **721**, 53.
What Next? (anec) **706**, 51.
Powers, M.W.: USS Omaha Salvage Operations **439**, 1311.
Powers, R.C.
Beans and Bullets For Sea Lords (Prof-Note) **814**, 95.
A Leadership Action Plan (Leadership Forum) **876**, 72.
Linebacker Strike **858**, 46. **862**, 76. **866**, 85. **871**, 79. **874**, 72.
Not Enough Good Men (C&D) **776**, 108.
Prestige on the Lower Deck (C&D) **750**, 109.
Proceed to Assist...The Belknap Ablaze **882**, 100. **884**, 101.
Powers, R.D., Jr. **664**, 114.
and L.R. Hardy: How Wide the Territorial Sea? I Background and Vote--1960 Conference **696**, 68.
Book Review **750**, 122.
Blockade: For Winning Without Killing **666**, 61.
Geneva Conferences on Law of the Sea (ProfNote) **686**, 133.
Guerrillas and the Laws of War **721**, 83.
Uniform Code of Military Justice Change (ProfNote) **718**, 139.
Powers, T.E.
Hosenoses, Stoofs, and Lefthanded Spads (C&D) **790**, 103.
Incredible Midway **772**, 64. **775**, 106.
Mystique of Command Presence (C&D) **790**, 110.
Powers, W.M.
Almost Beyond Human Endurance (Pict) **898**, 60.
American Harbor Defenses: Final Era (Pict) (C&D) **784**, 114.
Coast Guard Academy--June 1971 Cover.
F-14 Tomcat (Pict) **884**, 75. **888**, 73.
Fiber Optics and Naval Aviation (ProfNote) **884**, 135.
Mikasa: Japan's Memorial Battleship (C&D) **878**, 69. **881**, 83.
Naval Air Rework Facility, North Island (Pict) **880**, 62.
Newport/Quonset Point Naval Complex (Pict) **803**, 72.
San Diego--Navy Town (Pict) **878**, 109.
Underway With Chiang's Navy (Pict) **863**, 62.
U.S. Coast Guard Academy (Pict) **820**, 60.
Powhatan (USS) **341**, 870. **411**, 696.
Davy Jones, Here We Come **724**, 121.
Historic Ships of Navy. R.W. Neeser **446**, 496.
Illustration **152**, 1091.
Pownall, C.A.: Airphobia of 1925: **277**, 458.
Practical application of navigation to aircraft. H.P. McL. Connor **334**, 1065. **337**, 392.
Practical Marine Surveying, by Harry Phelps. R. Wainwright (Rev) **52**, 181.
Practical Navigation: F.A. Daubin **348**, 261.
Practice of Navigation on Shore. L.L. Mills **256**, 931.
Prade, Georges: The Newest Aeroplanes (1916): **163**, 980.
Praesident (Ger. SS): See: Kittery (U.S.).
Prak, W.: Problems of Pacific **389**, 917.
Prasad, A.: They Might Have Blown Away (anec) **667**, 56.
Prato, Vittorio: Italian Naval Assault Craft in Two World War (C&D) **753**, 118.
Pratt, C.R. **474**, 1157. **475**, 1308. **478**, 1764. **512**, 1225.
Pratt, F. **350**, 392. **358**, 1798, 1847. **363**, 782. **364**, 948. **367**, 1384. **370**, 1827. **371**, 105. **373**, 399. **411**, 713.

Pratt, F. (Cont.)
Basis of Our Naval Tradition **414**, 1107. **418**, 1779. **421**, 403.
Commerce Destruction-Past and Future **381**, 1513. **384**, 251. **386**, 553. **393**, 1691.
Destroyer Grows Up **387**, 683. **389**. 1007. **393**, 1687.
Edward Preble **370**, 1683.
First Cruiser Campaign **328**, 521.
Freak Warships **334**, 1091.
Future of Blockade **364**, 868. **370**, 1782.
Inland Navy of Austria **367**, 1269.
Intermediate Warship **438**, 1147. **441**, 1631. **443**, 110. **446**, 565. **448**, 868.
Jacob Jones, Delaware Squire **570**, 853.
Johnston Blakely, Carolina Sea Raider **571**, 997.
Loss of Wasp **521**, 909.
Mutiny--A Study **350**, 528.
Naval War Game and Formula **358**, 1758.
Nelson and Court-Martial Tradition **321**, 943. **325**, 226.
Plea for Ciphers **363**, 692.
Rebel Rams **425**, 1021. **427**, 1344. **429**, 1647.
Some Naval Eccentricities **343**, 1192.
South Atlantic--Diplomatic Campaign **544**, 691.
Two Little Ships **553**, 783.
World War II and Changing Conception of Sea Power **515**, 1. **519**, 709. **523**, 1219.
Pratt, F., and L.A. Abercrombie
Blue Beetle **500**, 1197.
Blue Beetle, Further Action of: Pacific Life Line **501**, 1339.
Pratt, J.W.
British Blockade and American Precedent **213**, 1789.
Chapter of Ancient Sea Power: Mithridatic Wars **254**, 561.
Naval Operations on the Virginia Rivers in the Civil War **192**, 185.
Pratt, P.: Tripolitan Fragment **298**, 1316.
Pratt, W.V. **242**, 661, 721. **257**, 1126. **284**, 2054, 2172. **288**, 236. **289**, 373. **290**, 496. **307**, 816. **359**, 109. **361**, 468.
Battleship Defended **338**, 538.
Considerations Affecting Naval Policy **237**, 1845.
Disarmament and National Defense **319**, 751.
Leadership **378**, 1049.
Lest They Forget **362**, 481.
Naval Policy and World Politics **245**, 1073.
Naval War College: Past and Present **295**, 937.
On "column as a battle formation" **147**, 959.
On dispensing of graduation of the compass into points **155**, 173.
Our Naval Policy **353**, 953. **355**, 1366, 1368.
Some Aspects of Air Policy **277**, 444.
Treaty Navy Building Urged **336**, 251.
Pratt, V.: Broad Aspect of Pacific Problem **287**, 1.
Pratte, R.J.: U.S. Coast Guard Academy (Pict) **802**, 60.
Pratt Protector and Plotting Scale. F. Jansen **382**, 1740, 1753.
Prayer of Invocation. G.E. Thomas **607**, 1021.
Preble, Edward **373**, 399.
See also: Cover Pictures--January 1954.
Cruise to Orient in the Essex, 1800: **134**, 437.
Edward Preble. F. Pratt **370**, 1683.
Journal Before Tripoli **7**, 83.
Philadelphia, Preble and the. A.B. Hoff **388**, 818.
Sicilian Auxiliaries. C. Moran **431**, 80.
Preble's Boys
Jacob Jones, Delaware Squire. F. Pratt **570**, 853.
Johnston Blakely, Carolina Sea Raider **571**, 997.
Preble (USS)
1st: Glynn's Visit to Japan in the Preble, 1849: **116**, 945. **137**, 249.
2nd: Trials **102**, 386. **103**, 699.
Prechtl, William B.: Proceedings Special Issue (C&D) **875**, 68.
Precommissioning
Assignment to New Construction. T.B. Buell **749**, 68. **753**, 113. **754**, 118. **757**, 119.
Precommissioning--A Better Way? A.E. Stevens and T.A. Clift **795**, 76.
Prehn, F.A. **712**, 117.
Prelude to Midway: Mitsuo Fuchida and Masatake Okumiya **627**, 505.
Prendergast, M. **282**, 1572. **283**, 1789. **289**, 325. **313**, 228, 260. **317**, 621. **346**, 1708, 1710. **349**, 458. **356**, 1521. **357**, 1647. **368**, 1481. **390**, 1153.
Post-Treaty Naval Design **273**, 2125. **276**, 316. **278**, 702. **279**, 917. **282**, 1568. **283**, 1775.
Sonar and Asdic, Anti-Submarine Sisters **546**, 1009.
Wings and Wheels **348**, 205.
Prendergast, W.B.
Navy and Civil Liberty **548**, 1263.
What Keeps Armed Forces from Ballot Box? **594**, 889.
Why Educate Naval Officer? **563**, 49.
Prentice, G.R.: Black Midshipman at the U.S. Naval Academy (Field) (C&D) **849**, 91.
Preparedness
Adams, C.F. **347**, 112. **352**, 944.
Adventures in Futility. J.M. Sheehan **547**, 1087.
Argonaut, re. **350**, 608. **352**, 920. **353**, 1066.
Against All Enemies. E.M. Eller **521**, 891.
America's Responsibility to Armistice. F.H. Roberts **369**, 1580.
Appropriations: Sinews of War. R. Hargreaves **587**, 31.
Are We Ready? B. Livingston **447**, 629.
Array Against Sovereignty. W.T. Cluverius **272**, 1916.
Ayres, A.W., re. **352**, 917.
Back Door in Pacific. E.E. Wilcox **564**, 187.
Beck, J.M, re. **349**, 423.
Book Review **350**, 603.
Choose Peace or War. W.N. Thornton **380**, 1377.
Colby, B., re. **354**, 1218.
Coolidge, C., re. **350**, 607.
Curtis, C., re. **347**, 112.
Danger of Unpreparedness. F.L. Oliver **509**, 763.
Defense Expenses, 1 Diagram **354**, 1217.
Forbes, W.C., re. **354**, 1218.
French, B.L., re. **352**, 917.
Gambrill, S.W., re. **349**, 423.
Gautreau, J.B., re. **349**, 431.
General Board, re. **347**, 115.
Griswold, G., re. **353**, 1066.
Hale, F., re. **350**, 607.
Herald Tribune, re. **349**, 424.
Hoover, H.C., re. **347**, 112.
Increased Readiness for the Seventh Fleet (ProfNote). S.E. Wood, Jr. **728**, 144.
Industrial **358**, 1824.
Lamb, C.J., re. **350**, 608.
Lest We Forget. L.W. Batten, III: **534**, 949.
Light for America's Blindspot. T.L. Gatch, Jr. **536**, 1215.
Marine Journal, re. **349**, 423.
Material Procurement Planning. H.L. Pence **346**, 1653.
Measuring Readiness (ProfNote). J.T. Cockrill **724**, 143.
Military. W.L. Rodgers **272**, 1845.
Military Lessons Learned and Not Learned. B. Vogel **544**, 723.
National Defense, 1934. E.S.R. Brandt **373**, 317.
National Policies and Defense. G.W. Akers **377**, 897.
Nation in Arms. H.J. Ray **372**, 205.
Navy and National Life. D.W. Knox **376**, 744.
Preparedness: A Vital Necessity. J.P. Jackson **165**, 1559.
Preparedness of the Future. H.O. Rittenhouse **182**, 733.
"The One Best Way" to Oblivion. R.A. Beaumont **790**, 37. **803**, 98.
Pacific Area, Naval Preparedness in. Y. Stirling, Jr. **375**, 601.
Painleve, P., re. **347**, 112.
Peacetime Duties of Armed Services. R.A. Hall **520**, 781.
Pou, E.W., re. **349**, 423.
Power and America's Promise of Peace. R.E. Williams, Jr. **555**, 505.
Pratt, W.V., re. **355**, 1366.
Prewar Military Plans and Preparations, 1939-41. M. Matloff **605**, 741.
Price of Victory. I. Olch **539**, 17.
Reed, D.A., re. **347**, 112.
Repair Ships, Advance Bases, and Fleet Mobility in War Time. E.P. Jessop **354**, 1138.
Ritchie, A.C., re. **350**, 607.
Road Ahead. K.C. McIntosh **513**, 1283.
Rogers, W., re. **349**, 423.
Russia, Stressed **353**, 1080.
Sea Power and Peace. E.M. Eller **536**, 1161.
Security of National Interests. J.W. Greenslade **388**, 831.
Security, Toward Total. M.M. Dupre, Jr. **524**, 1289.
The Selected Reserve--Problem in Readiness **726**, 100. **731**, 104.
Shall We Harken Unto Fables? A. Sharp, J.E. Palmer, Jr., and R.S. McKnight, Jr. **518**, 553.
Sheppard, M., re. **353**, 1066.
This Fateful Interlude. F.J. Nelson **526**, 1553.
Tripp, G.E., re. **267**, 831.
True Meaning of Post-War Naval Preparedness. J.K. Eyre, Jr. **516**, 227.
Uncertain Trumpet **686**, 113.
Vinson, C., re. **349**, 423.
War-Making Must Be in Hands of Those Who Hate War. M.A. Peel, Jr. **543**, 537.
Washington Views Naval Preparedness. D.W. Knox **354**, 1103.
What Price Victory? L.P. Lovette **378**, 1073.
Wherein Lies Our Strength? H.H. Holly **545**, 837.
Wiley, H.A., re. **349**, 423.
Pre-Positioning, A Case for: See: R.A. Smaldone.
Prescott, K.W. **592**, 676.
Preservation of Historic Ships: Two Voyages of the Wasa. E.L. Westberg **793**, 63.
President as Commander-in-Chief **208**, 974.
President (Eng.) **357**, 1674.
President (USS) **302**, 287. **357**, 1674.
See also: Cover Pictures--May 1964; Farenholt, A. **128**, 1279.
Captures British packet Swallow **130**, 485.
Captures schooner High Flyer **130**, 492.
Captures Whaler Argo **130**, 486.
Engagement with British frigate Belvidera, 1812: **130**, 478.
President Adams (U.S.): See: Tragedy Off Hatteras.
President Buchanan (SS) **243**, 868.
President Coolidge (SS) **339**, 683. **347**, 128. **349**, 436. **352**, 933. **356**, 1530. **446**, 501.

President Hoover (SS) **339**, 683. **341**, 977. **356**, 1530.
Presidential Unit Citations **489**, 1531. **490**, 1656.
Presidential Use of Armed Forces: The War Powers: Constitutional Crisis. R.J. Barrett **849**, 18.
President Jackson (U.S.): "Relaxin' in Jackson." W. Winter **536**, 1229.
President Lincoln (U.S.) **411**, 630.
Narrative of. P.W. Foote **233**, 1073.
President Lincoln (SS): Torpedoed **185**, 1664, 1665.
President Roosevelt (U.S.): See: I Will Not Abandon You. J.C. Carrothers.
President Sarmiento (Arg. training ship) **343**, 1263.
Presidents, Naval Institute: See: Naval Institute Presidents.
Presidents of U.S.: Quoted **332**, 885.
Press
See also: Publicity and Newspapers.
Freedom of the Press or Treason? Grant Sanger **895**, 96. **898**, 77, 79.
Leakology: The War of Words. Brent Baker **893**, 43. **896**, 65.
Newsman in Vietnam. R. Blanchard **792**, 50. **796**, 115. **800**, 110. **809**, 106.
Press: A Matter of Perspective, The (C&D) **852**, 96.
Public Affairs in the Instand World. A.E. Eastman **793**, 78. **798**, 106.
Saigon--The Navy Reported Today... (ProfNote). H.E. Padgett and J.A. Garrow **794**, 132.
Press Gangs
See also: Impressment of Seamen.
Press-Gangs of the Royal Navy. J. Stewart **692**, 81.
Pressure Dock for the Federal German Navy, Submarine (C&D) **795**, 107.
Pressure in Guns
Curves of. J.F. Meigs **35**, 743.
Recording Instruments. J.B. Edson **41**, 155.
Prestige in Military Service
The Meaning of Naval Prestige. J.A. Lukacs **634**, 1351.
Prestige and the Navy Family. B.W. Blee **741**, 58.
The Uncertain Image. R. Hargreaves **768**, 72. **773**, 111.
Preston, Anthony
First ASW Vessels (OldNav) **836**, 82.
Raider That Never Made It (OldNav) **781**, 140.
Preston, Charles F.
Recovery of bower anchor and...chain in deep water by the Michigan **156**, 503.
Tamanend vs. Tecumseh: Identification of the Figurehead of the USS Delaware **151**, 721.
Preston, J.M.: Worlds Apart (Edelstein) (C&D) **847**, 81.
Preston, John O. **1047**.
Preston, R.A.: Don't Sell Gibraltar Short **574**, 1329.
Preussen (Ger. battleship): Launched **108**, 973.
Preussen (ship): Largest Sailing Vessel Afloat (1904): **111**, 676.
Prevention of War
Rooks, A.H. **302**, 257.
Stationary Population as. **323**, 80.
Preventive Discipline. S.E. Moses **247**, 1441.
Preventive Maintenance: Electronics PMS: The Unkept Promise. T.C. Schelin **862**, 48. **868**, 80, 81.
Preventive War
See also: Limited War.
Case Against Preventive War. A.D. Sullivan **581**, 701.
Preveza, Battle--August 1973 Cover.
Prezoise, P.W.: Our Imperiled State Maritime Academies (Hayler) (C&D) **838**, 88.
Pribilof Islands: See: Seal Industry.
Price, A.I.: Radio direction finders **302**, 318.
Price, Bem
A Case for Foreign Military Sales in American Persian Gulf Strategy (Remick) (C&D) **890**, 84.
One of the Elect (anec) **835**, 67.
Price, F.M. **495**, 577.
Price, H.B.
Blue Ridge (AGC-19) (ProfNote) **784**, 133.
Some observations about discipline **162**, 409.
Price, J.E.: Electricity at Washington Navy Yard **111**, 672.
Price, M.T.: Wargaming the Cold War **673**, 44.
Price, W.H.: Time and Overtime (anec) **591**, 477.
Price, W.W., II: New Partnership: Helicopter and Destroyer (ProfNote) **820**, 99.
Price of Peace. H.G. Brownson **358**, 1771.
Prickett, W.F.
Naval Battalion on Bataan **693**, 72.
Why We Fought **617**, 751.
Primary Recovery Ships: One Support Ship for Inner and Outer Space? W.H. Kumm **813**, 28.
Primauguet (Fr) **347**, 126. **351**, 768. **357**, 1679.
PRIME Is New DOD Budget System (Nbk) **788**, 156.
Prime 69. D.H. Guinn **795**, 50, 130.
Primers
Primers with Gas Checks **103**, 727.
Primers in Cartridge, Back Fires Through. E.G. Parkhurst **71**, 619.
Prince, Donough **673**, 103.
Prince, G.A. **689**, 100.
Prince, H.R. **647**, 90, 91.
"Hammerlock" Moor **639**, 521.
Vantage Point Conning (ProfNote) **656**, 1134.
Prince, M.S.: Tombstone Promotions (C&D) **792**, 115. **797**, 109. **802**, 112.
Prince, W.G.: Naval Gunfire Today and Tomorrow (C&D) **776**, 111.
Prince David (SS) **352**, 933. **353**, 1083.
Prince De Neufchatel (U.S.): See: Old Navy.
Prince of Neufchatel (privateer): Action between Prince of Neufchatel and the Endymion. W.O. Stevens **155**, 25.
Prince of Wales (Br.) **470**, 539. **858**, 95.
Description **102**, 355.
Princess Elizabeth (SS) **347**, 127. **348**, 292. **349**, 437. **350**, 621. **357**, 1680.
Princess Irene (SS): Explosion of. **158**, 1305, 1365.
Princess Margaret Rose (SS) **347**, 127.
Princess Royal (HMS)
Description **144**, 1643.
Launched; description **138**, 634.
Trials; description **143**, 1122.
Princeton (USS) **285**, 2225. **821**, 78.
See also: Cover Pictures--September 1956.
Ericsson, Stockton, and the USS Princeton. H.C. Watts **643**, 961. **647**, 92.
Princeton University
Princeton Military Training **156**, 690.
Princeton Naval Unit. C.F. Goodrich **197**, 1227.
Principles of Command. L.H. Chandler **229**, 403.
Principles of Sea Power. R.B. Carney **631**, 967.
Pringle, J.R.P. **358**, 1826.
On training landsmen **105**, 233.
Pull Together **378**, 1154.
Printing
Printing in the U.S. Navy
C&D. E.M. Carpenter **769**, 113.
ProfNote. W.V. Vogler **765**, 154.
Prinz Adalbert (Ger. cruiser): Torpedoed **160**, 2135.
Prinz Eitel Friedrich (Ger. raider)
Burned in Harbor **184**, 1396.
Interned at Norfolk **157**, 986.
Prinz Eugen Album (Pict). P.S. Schmalenbach and J.E. Wise, Jr. **798**, 87. **802**, 111. **804**, 90.
Prinz-Eugen (Australian battleship): Reported sunk **186**, 1942.
Prinz Eugen (Ger.)
End of the Prinz (OldNav). G.L. Dickey, Jr. **798**, 148.
Last of the Prinz? (ProfNote). W.I. Milwee and P.W. Wolfgang **861**, 119.
Little Brother of Bismarck. W.E. Spangler **524**, 1319.
Prinz Heinrich (Ger. cruiser): Description **102**, 333.
Prinz Regent Luitpold (SMS) **342**, 1109.
Description; Illustration **148**, 1734.
Prisoners and Prisoners of War
Courage Mounteth with Occasion. W.G. Winslow **582**, 818.
Geneva Conventions--Broken Rules. W.J. Landen **840**, 34.
Geneva Conventions in the Shadow War. G.M. Haight **787**, 43.
German Prisoners in U.S. Work on Roads **184**, 1408.
"If I Become a Prisoner of War..." J.H. Dunn and W.H. Parks **882**, 18.
Operation Homecoming. J.H. Fellowes **886**, 30.
P.W. G.T. Coker **860**, 41.
Pay of German Officers Held in U.S. **173**, 1548.
P.O.W. Treatment: Principles Versus Propaganda. J.H. Chafee **821**, 14. **833**, 102.
Prisoners of War Traced from Room 1804 (Nbk) **793**, 154.
Prisoners and Wounded Code, New **319**, 826.
Prisoners' Parcels. R.P. MacHatton **485**, 973.
Sound: A POW's Weapon (ProfNote). Everett Alvarez, Jr. **882**, 91.
Statistics of American Prisoners in Germany **195**, 848.
Those Wonderful Naval Aviators. David Nash **699**, 84.
Twice Across Rainbow. C.L. Harrison **591**, 515.
Use of war captives in U.S. **183**, 1126.
Prisons
See also: U.S. Naval Prisons.
British Naval **230**, 655.
Naval: New York Prison Ships in American Revolution. L.H. Roddis **385**, 331.
Pritchard, C.G.: The Soviet Marines **829**, 18. **834**, 90. **842**, 87.
Privateers and Privateering
See also: Names of vessels and commanders.
Administration of the Massachusetts and Virginia navies of the American Revolution. C.O. Paullin **161**, 131.
American Privateers at Dunkerque. H. Malo. S.L. Mims, Tr. **139**, 933.
Book Review **286**, 2646.
Privateer and Schooner: See: Old Navy. Prince De Neufchatel.
Privileges: Are We Afraid of Privilege? **678**, 102.
Prize Courts and Awards **209**, 1112.
See also: Names of vessels.
Appam awarded to British owners **165**, 1721.
The Bangor case decision **165**, 1721.
British Prize Cases (1916): **164**, 1278.
Disposal of Prize Money **160**, 2024.
England Calls Conference on Prize Courts (1908): **126**, 740.
First British Prize Money Awarded in European War **155**, 286.
German Prize Scale **174**, 1787.
New Scheme of Prize Money in British

Prize Courts and Awards (Cont.)
New Scheme of Prize Money (Cont.) Navy (1918): **188**, 2373.
Prize court case of SS Zamora **163**, 1020.
Prize money awards in Commonwealth Times **163**, 938.
Prize money in the British Navy **172**, 1337.
Scale of Distribution of Naval Prize Money (British, 1916): **163**, 937.
Prize Essays
See also: Naval Institute. Prize Essay Contest, Significance of.
Accuracy of Fire at Long Ranges. J.V. Chase **210**, 1175.
Analysis of Air Menace. R.C. Parker **351**, 649.
Awards **326**, 365. **338**, 568. **349**, 459.
Battleship and Its Uses. H.C. Bywater **277**, 407.
Brief for Submarine. A.C. Burrows (Van Dyke prize) **306**, 644.
Cruiser Types. F.G. Percival **289**, 278.
Description of Battle of Jutland. H.H. Forst **201**, 1829. **202**, 2019. **203**, 61.
Elements contributing to aerial superiority. F.G. Percival **338**, 437. **339**, 673. **340**, 817. **346**, 1710.
Foreign Competition **282**, 1581.
History Repeats. O.C. Badger **267**, 707.
Is Fleet Strategically Concentrated. F.M. Perkins **237**, 1883.
Leadership. R.D. White **219**, 655.
Limitation of Naval Armament. W.S. Anderson **277**, 427.
Lists of Prize Essays **263**, 178. **277**, 600. **289**, 395.
National Strategy. H.H. Frost **270**, 1343.
Naval Aviation and United Air Service. T.T. Craven **217**, 307.
Naval Policy in Peace and War. H.G. Brownson **342**, 1007.
Navy and Air Requirements. J.A. Lahn (Van Dyke prize) **282**, 1481.
Navy and Public Indoctrination. D.W. Knox **316**, 479.
On Prevention of War. A.H. Rooks **302**, 257.
Our Tactical Readiness for War. R. Willson **242**, 553.
Our Weakest Link. T.L. Gatch **289**, 267.
Policy at Crossroads. L.P. Lovette **326**, 269.
Possibilities of Transpacific Flight. G.C. Westervelt and H.B. Sanford **207**, 675.
Some Aspects of Air Policy. W.V. Pratt **277**, 444.
Some considerations affecting naval policy. W.V. Pratt **237**, 1845.
Speed of Battleships. F.G. Percival **314**, 273.
Study of Naval Personnel Situation. J.K. Taussig **222**, 1153.
Subjects **356**, 1539.
This far-flung navy. R.D. Conrad (Van Dyke Prize) **292**, 674.
Time is Life. E.M. Eller **350**, 493. **353**, 1050.
Trend of Naval Affairs. R.E. Krause **266**, 521.
Will to Win. E.M. Eller **327**, 371.
Prize Master, William S. Cox, Midshipman. H.D. Purcell **800**, 78.
Prize Photography
1968: **781**, 89.
1969: **794**, 91.
1970. Naval and Maritime (NavRev) **807**, 321.
Prizes at Sea
See also: International Law.
Away the Prize Crew. A.R. Larzelere **863**, 52.
British Prize Money **516**, 316.
Capture at Sea in Perspective. C.G. Phillips **746**, 60. **750**, 108.
Prize Money. F.L. Oliver **524**, 1315.
Prize Money and Pay in Old Navy, 1776-1899. R.W. Daly **546**, 967.
Spoil of War. R. Hargreaves **610**, 1305.
Probe Fueling, Ship-to-Ship (ProfNote). S.P. Weintraub **776**, 133.
Probert, F.H. **309**, 996.
Probert, J.R. **554**, 479. **581**, 771. **589**, 327. **688**, 121.
Probert, John R.: Pentagon Reorganization: Phase Three **623**, 51.
Problems, strategical: See: War Games and Problems.
Problems of Australian Defense. G. Rawson **664**, 51.
Problem Solving: Systems Analysis: Something Old, Something New. C.G. Bishop **788**, 45.
Proceedings
Influence on Naval Thinking and Strategy: Sentinel for a Century: the Proceedings, the Navy, and the Nation, 1873-1973. N.T. Kirk **848**, 96.
Off in Happy Valley? (C&D) **880**, 80.
Special Issue on Shipbuilding/Ship Design **875**, 68.
Procter, A.M. **320**, 887. **385**, 401. **419**, 104.
Diesel Engines for Capital Ships **269**, 1217, 1236. **270**, 1496. **271**, 1734-38. **273**, 2156. **303**, 393. **317**, 605.
Organization of the Ship **146**, 551.
Protection of Modern Battleship **396**, 187.
Study of Diesel-Engined 10,000 ton cruiser **328**, 505.
Proctor, W.G., Jr.: "...Justice For All"? **789**, 52.
Procurement and Policy
Disaster Through Glamor. J.K. Taussig, Jr. **701**, 46. **707**, 110.
Joint Navy and Army. J.L. Seligman **383**, 33.
Major Ship and Aircraft for Fiscal Year 1970 (NavRev) **807**, 458.
Nation in Arms. H.J. Ray **372**, 205.
New Approach to Navy Ship Procurement (ProfNote). N. Sonenshein **791**, 135. **796**, 110. **801**, 122.
Planning, Procurement, for War. H. Williams **369**, 1601. **372**, 247. **376**, 834.
The Procurement Claims Problem. I.C. Kidd, Jr. **871**, 25.
Procyon: See: Empire State.
Prodigal Son. A.R. McCracken **543**, 573.
Production: Flow. J.R. Howland **473**, 835.
Profession, Naval: See: Personnel.
Profession of Arms, The. Sir John Hackett **770**, 82.
Professional Development. T.B. Grassey **894**, 31.
Professionalism
Painful Development of a Professional Navy. F.S. Craven **759**, 78. **764**, 120, 121.
Participate! W.W. Hankins **762**, 89.
Professionalism in the Royal Thai Army. T.A. Marks **839**, 46.
Professionalism: A Wardroom Debate. J.T. Strong **759**, 72. **764**, 122.
Professionalism: the Hard Choice. F.C. Thayer **820**, 36.
Professionalism, Long, Hard Climb to. C.M. Guelzo **768**, 85. **772**, 111.
Professionalism vs. Academic Education: Fine Line at the Naval Academy. J. Calvert **812**, 62. **820**, 94.
Professionalism and Writing (C&D) **801**, 108. **810**, 101. **811**, 98. **815**, 84.
Promotion of Professionalism: Sentinel for a Century: the Proceedings, the Navy, and the Nation, 1873-1973. N.T. Kirk **848**, 96.
Professional Naval Thinking and Writing: The U.S. Navy and the U.S. Naval Institute: Partnership for the Future. M.W. Cagle **848**, 115.
Professional Reading: See: Bibliographies.
Professional Schools: Progress and Problems in the War Colleges. R.R. Campbell **787**, 52.
Profilers: Becker Profiler (illus) **134**, 522.
Program for Afloat College Education (PACE): English Teacher and Students Find Change of PACE Valuable (Nbk) **869**, 104.
Program Planning: What Price Sea Power? W.T. Rapp **761**, 56. **767**, 99.
Programs, Naval: See: Under names of countries.
Progreso (Mexican gunboat): Blown up by Bomb **156**, 539.
Progress, Naval Technical **328**, 544.
Projectiles
See also: Ammunition, Shells; Guns and Gunnery.
Capped **83**, 608.
Disturbances Caused by Projectiles in Air. E.H.C. Leutze (Tr.) **44**, 263.
The Krnka-Hebler Tubular **67**, 289.
Modern. J. Leroux (Tr.) **77**, 218.
Test of. **86**, 376.
Projection of Power Ashore: Missions of the U.S. Navy. S. Turner **862**, 18.
Project Manager: This Business of Project Management. F.H. Featherston **827**, 22. **839**, 99.
Project Manager System: Management Acquisition. J.T. Cockrill **776**, 39.
Project SEALAB: Sealab I. Don Groves **744**, 64.
Project 60: High-Low. E.R. Zumwalt, Jr. **878**, 46. **881**, 76. **882**, 69. **883**, 75. **885**, 73. **886**, 79. **887**, 77. **888**, 74. **889**, 80. **890**, 80, 83.
Prokop, J.S.: Automated Control of Logistics--the Next Step **773**, 45.
Promethee (Fr.) **354**, 1224. **355**, 1373.
Prometheus (FN) **335**, 112.
Prominent Astronomical Discoveries. C.G. Richardson **344**, 1359.
Promotion
See also: Names of countries, subhead Navy; Promotion and Pay; Personnel.
Below-the-Zone Selection (ProfNote). R.W. Hunter **827**, 104. **833**, 104.
Beyond the Hump. E.R. Zumwalt, Jr. **677**, 59. **679**, 102.
Chiefs, How Do You Rate Your? (ProfNote). J.D. Alden **703**, 127.
Deep Draft and Major Command Selection. M.W. Cagle **777**, 48. C&D: **780**, 104.
Deep Selections. L.S. Sabin **685**, 46. **688**, 104, 106, 107, 108, 109, 110, 111, 114. **691**, 108, 111, 112.
Digging Out Buried Talent in the Navy. J.W. Hopkins **687**, 67.
Discrimination in Selection: Fact or Fancy? J.H. Hitchcock **691**, 72. **694**, 107.
Examinations: Thank the Lord They're Over. E.M. Eller **384**, 169. **387**, 705. **388**, 860. **393**, 1690.
Examinations for Promotion **359**, 106. **362**, 572. **406**, 1769.
Enlisted Men, Promotion for **373**, 404.
Field Promotion: Reward or Punishment (C&D). D.E. Buck **779**, 99.
Inside the Hump. J.A. Chastain **677**, 48. **679**, 102.
Lessons Learned from the Hump. A.E. Jarrell **690**, 79. **702**, 110.
Let's Get Rid of the Conveyor Belt. R.G. Alexander and W.L. Read **655**, 938.
Officer Evaluation and Promotion. R.C. Needham **685**, 60.
A Petty Officer's Alternative to Stagnation in Rate (C&D) **883**, 79.
Postgraduate Education and Promotion: A Significant Relationship? D.A.

Paolucci and F.I. Collins, Jr. **767**, 56. **771**, 125. **772**, 107. **776**, 105.
Promotion by Professional Examination. D. Hyatt **419**, 37. **423**, 736.
Promotion by Selection. W.S. Sims **376**, 769. **378**, 1156. **379**, 1289, 1290. **380**, 1425. **381**, 1602, 1603, 1607. **383**, 97. **385**, 407.
Promotion by Selection, Service Opinion upon. W.S. Sims **388**, 791. **393**, 1685.
Promotion, Middle of Road in. A.O.R. Bergesen **400**, 804. **405**, 1627. **409**, 403.
Promotion of Career Officers. R.V. Wheeler, Jr., and S.H. Kinney **616**, 637. **617**, 761. **619**, 1044. **624**, 214. **629**, 827. **630**, 937.
Promotion Problem, One Phase of. R.A. Dawes **437**, 981.
Promotions, Past and Future. C.R. Brown **372**, 157. **377**, 990.
Promotions by Alnav **555**, 591.
Promotion Situation, Present. D.L. Martineau **534**, 915.
Promotion Systems--Past, Present, and Future. G.C. Dyer **444**, 192. **445**, 409.
Promotion, Worm's-Eye View of. M. Sunderland **440**, 1482.
Quarterly Marks and Promotion of Enlisted Men **373**, 403. **374**, 547. **376**, 835. **370**, 1715.
Reserve Officers and Promotion. G.D. Saunders **784**, 67. **788**, 111. **789**, 109.
Selection and Promotion in Navy. A.E. Becker, Jr. **387**, 671.
Selection Board, Petty Officer **527**, 78.
Selection Business, This. W. Folk **393**, 1612. **395**, 97. **396**, 251. **399**, 713.
Selection by Merit. L. Lothrop **402**, 1112.
Selection--Facing Issue. R.O. Davis **399**, 646.
Selection for Promotion. J.W. Reeves, Jr. **399**, 649.
Selection, For Those Facing. J.E. Magee **669**, 71.
Selection, More Thoughts on. J.N. Wenger **401**, 961.
Selection, Security, and Morale. R.B. Carney **388**, 814.
Seniority Practices, U.S. Naval **696**, 104.
Stand by...Vote. Worth Scanland **724**, 40. **728**, 124.
Stars, Stripes, and Gresham's Law. E.B. Strauss **781**, 51. **785**, 97. **788**, 110.
Survival of the Fittest: Five Years Later. W.W. Turkington **884**, 58. **887**, 78, 79. **888**, 73. **890**, 86.
Survival of the Fittest in Naval Aviation. J.E. Burgess **824**, 42.
Tombstone Promotions (C&D) **792**, 115. **797**, 109. **802**, 112.
Promotion and Selection: 1947--A Very Good Year. D.L. Martineau **895**, 25.
Promotion Reform: No Room for Young Turks? P. Karsten **841**, 37. **846**, 96.
Propaganda
See also: Publicity.
Bloodless Weapon. D.P. Wyckoff **799**, 60. **803**, 93. **805**, 96.
Japanese View of Their Philippine Invasion (Pict) **565**, 317.
Japan: Propaganda de Luxe. A.R. McCracken **548**, 1235. **553**, 355.
Japan's Wartime Hocus-Pocus. B. Vogel **542**, 417.
Persuading the U-Boats. R.D. Wells **742**, 52.
Soviet "Moral-Political Unity" and Military Press. C.P. Lemieux **575**, 29.
Propellers
Aircraft Propellers
Comeback for Propeller. R.A. Winston **575**, 35.
Noise: See: Sound.
Aerial Propellers
Aircraft Propellers. C.H. Havill **302**, 314.
Airplane propeller construction. L.D. Webb **335**, 122.
Air propulsion **185**, 1615.
Aluminum Leaf for Waterproofing Airplane Propellers **195**, 844.
Bakelite **201**, 1933.
Dependability **344**, 1425.
Durability of Metal **287**, 106.
Improved **224**, 1653.
Magnesium **267**, 849.
Micarta **331**, 870.
A Novel Propeller to Prevent Slip **179**, 117.
Theory of Similitude of Aerial Propellers. J.C. Hunsaker **155**, 107.
Variable Pitch **229**, 491. **248**, 325. **304**, 509. **325**, 248. **331**, 870.
Contra-rotating Props for Cargo Ships (Nbk) **778**, 155.
Marine Propellers
Blades of aerofoil section. F. Horn **295**, 1011.
Contra **241**, 506. **257**, 1169. **258**, 1361. **278**, 766.
Efficiency of propellers of HMS Erne **108**, 978.
Enamelled, Resist Corrosion **240**, 343.
Feathering and Reversible **353**, 1083.
A feathering propeller for auxiliaries (illus) **158**, 1313.
Gill Shrouded **250**, 2088.
Handling Ships with Controllable Pitch Propellers **671**, 110.
History of Screw Propeller. H.F.D. Davis **338**, 485.
Hoisting Propellers **579**, 539. **583**, 991. **591**, 559.
In-turning screws **106**, 511. **109**, 248.
Kort Nozzle for Propulsive Efficiency. R.F. Winter **681**, 61.
Maublanc-Lallie **283**, 1861.
Propeller efficiency of HMS Drake **103**, 645.
Propellers for turbine ships **107**, 773.
Propellers of the Monmouth **106**, 472.
Propellers with fixed blades **142**, 793.
Patent Device **249**, 1916.
Protection Against Racing **244**, 1036.
Remarks on Screw Propulsion. R.D. Gatewood **117**, 165.
Some ABC's of Propeller. H.F.D. Davis **336**, 228. **341**, 964.
Test tank at Hamburg **343**, 1266.
Turbine Propellers **129**, 318.
U.S. Naval Propellers. T.G. Roberts **107**, 701.
Vertical Axis (Cycloidal) Propellers **652**, 660.
Weights of Propellers **158**, 1312.
Propeller Shafting: Deterioration of Steel Propeller Shafting. C.H.J. Keppler **196**, 969.
Prophecy: Book Review **342**, 172. **326**, 360.
Propulsion
Electric Propulsion: See: Electric Propulsion of Ships.
A Lesson from the Royal Navy **728**, 124.
Propulsion Examining Board (PEB): Engineering Readiness Shot in the Arm: The Propulsion Examining Board (ProfNote). R.L. Madouse **887**, 108. **892**, 92. **894**, 63.
Rival Methods of ship **270**, 1543.
Soviet Ion Propulsion Craft Is Tested in Flight (Nbk) **767**, 141.
Studies of Cost, Performance and Function Point Navy Toward Nuclear Propulsion (Nbk) **728**, 160.
Protection Against Bombs and High-Angle Shell Fire. C. Rougeron **348**, 229, 277.
Protection against under water attack. T.L. Schumacher **246**, 1261.
Protection of Cruisers, The. E. Weyel **48**, 142.
Protection of Heavy Guns for Coast Defense. G.S. Clarke **41**, 251.
Protection of Warships **83**, 575.
Protector (U.S.): See: Osetr.
Proteus (U.S.) **803**, 93.
See also: Cover Pictures--July 1961; Patrick Henry and Proteus.
Launched; description **146**, 868.
Proteus--Polaris Pioneer (NewNav). L.C. McCarty **755**, 166.
Protractors
Improvised Protractor. W.A. Mason **366**, 1169. **367**, 1339.
Pratt Protractor and Plotting Scale. F. Jansen **382**, 1740, 1753.
Prout, J.D.: The Coast Guard Auxiliary: A Proud Tradition--a Worthy Mission **882**, 33.
Provence (Fr.) **347**, 125.
Description **158**, 1276.
Providence (Slp): See: Nassau, Rathbun's Raid on.
Providence (USS) **275**, 26. **496**, 699.
Proving Grounds
The Naval Ordnance Proving Ground. A. Gleaves **50**, 451.
The U.S. Naval Proving Grounds. C.L. Lothrop (illus) **195**, 779.
Provisions: See: Supplies; Mess.
Proximity Fuze; Whose Brainchild? J.W. Brennan **787**, 72. C&D: **791**, 101. **793**, 99.
Prudden, T.M.: Her Thunder Shook the Mighty Deep **731**, 74.
Prudenti, J.: Wanted... (anec) **686**, 41.
Pryor, F.D.: A "wrinkle" to save time in navigation **191**, 41.
Psara (Gr.) **351**, 770.
Psche (Fr.) **356**, 1525.
Psychiatry: Rehabilitation Needs of Returning Veteran. A.L. Benton **518**, 517.
Psychological Effects of Nuclear Weapons. C.H. Amme, Jr. **686**, 27.
Psychological Operations: Bloodless Weapon. D.P. Wyckoff **799**, 60. **803**, 93. **805**, 96.
Psychological Operations in Vietnam (ProfNote). V.G. Reiling, Jr., and G.W. Scott **785**, 122.
Psychological Science: Research in Psychological Science. G.W. Dyson and C.W. Shilling **631**, 1023.
Psychological Warfare: Persuading the U-boats. R.D. Wells **742**, 52.
Psychology
See also: Intelligence Tests.
Practical Experiment in Disciplinary Psychology (ProfNote). W.M. Kaufman and W.R. Meyer **702**, 134. **706**, 109.
Province of Psychology. C.M. Bakwell **149**, 170.
Psychologic Phases of Discipline. J.M. Ellicott **361**, 334.
Psychology of Naval Personnel. G.C. Thorpe **161**, 1.
Psychology of Crowds. In Knox, D.W.: Morale **166**, 1772.
Psychology of the Officer. In Knox, D.W.: Morale **166**, 1777.
Rehabilitation Needs of Returning Veteran. A.L. Benton **518**, 517.
Will to Win. A. Harrigan **702**, 75.
PT and PTC boats: See: Torpedo Boats.
PT-Boat Attack, Defense Against (ProfNote). J.S. Demetry and W.J. Smith **800**, 148.
PT-boat/destroyer actions: Aftermath of the Elath. R.D. Colvin **800**, 60.
Public Address System in Language

Public Address System (Cont.)
Instruction. G.E. Baker **387**, 632.
Public Affairs in the Instant World. A.E. Eastman **793**, 78. **798**, 106.
Public Affairs Officers: Saigon--The Navy Reported Today... (ProfNote). H.E. Padgett and J.A. Garrow **794**, 132.
Publications
Centennial and New Design of Italian Naval Periodical **678**, 104.
Do We Need Another Magazine? **702**, 106.
New Concept in Naval Tactical Publications. L.L. Banghart **851**, 56.
Participate! W.W. Hankins **762**, 89.
Public Attitude
Healthy Attitude Towards Peace. S.S. Stratton **515**, 53.
Light for America's Blindspot. T.L. Gatch, Jr. **536**, 1215.
Public Health: Colombia's Riverine Welfare (ProfNote). J.P. Ramirez **834**, 107.
Publicity
Censorship, Naval, in 1914. W. Chamberlin **471**, 669.
Defense Against Propaganda. K.L. Buell **291**, 534. **296**, 1114. **304**, 491.
Disarmament Information Committee **344**, 1447.
Education vs. Propaganda **312**, 174.
How to Recognize Propaganda. K.L. Buell **297**, 1201.
Further Application of Publicity Policy. F.E.M. Whiting **343**, 1169.
Indoctrinating Civilians in Matters of Naval Defense. R.E. Daniels **261**, 1854. **263**, 102.
Let's Take Off Our Shells. H.V. Bird **543**, 619.
Mistaken Publicity. C.K. Blackburn **227**, 77.
National Strategy. H.H. Frost **270**, 1343. **272**, 1965.
Nation in Arms and National Doctrine. J.M. Scammell **271**, 1684.
Naval Officer as Public Speaker. G.E. Brandt **279**, 912.
Naval Publicist's Aim. B. Livingston **258**, 1255.
Navy and Press During Civil War. R. West **407**, 33. **411**, 709.
Navy and Public Indoctrination. D.W. Knox **316**, 479.
Navy and Public Opinion. R. Lane **577**, 285.
Navy, National Investment. W.S. Wharton **261**, 1833.
Navy Public Information. P.W. Rairden, Jr. **527**, 47.
Navy vs. News. A.B. Sharp **374**, 529.
Newspaper Publicity for Navy. G.E. Brandt **256**, 916.
Newspapers and Navy. H.W. Baldwin **334**, 1085.
Press Releases **478**, 1813.
Primer of Propaganda. G. Garrett **288**, 251.
Problem of Security. W.D. Lanier, Jr. **553**, 303.
Promotion of Good Will for Navy. G.W. Akers **380**, 1390.
Public Relations. G.S. Beskin **463**, 1296.
Public Relations and Peacetime Navy. W.H. Long **514**, 1469.
Public Relations--In War and Peace. L.R. Walter **490**, 1577.
Public Relations Training **524**, 1346.
Public Relations, United States Navy. H.H. Douglas **464**, 1432.
Sea Power and Pocket Books. D.W. Knox **274**, 2231.
Semper Paratus--and Fourth Estate. G.F. MacMullen **414**, 1115.
So You're the PIO! (ProfNote). J.J. Pausner, Jr. **652**, 676.
Strictly Private Thoughts on Naval Publicity. A.R. McCracken **385**, 381. **390**, 1158.
Taking Navy to People. W.S. Wharton **250**, 2010. **253**, 439.
Wanted: Organized Publicity. B. Livingston **282**, 1542.
What Price Victory? L.P. Lovette **378**, 1073.
Where Do We Stand? C.C. Moore **335**, 40. **337**, 394.
World Peace Foundation in Error **346**, 1746.
Public Opinion
Citizen and His Navy. A.T. Church, Jr. **619**, 989.
The Effect of Public Opinion Upon National Security Policy (NavRev). D. Scovel **867**, 118.
Prestige and the Navy Family. B.W. Blee **741**, 58. **745**, 103, 104, 106, 107. **749**, 107. **755**, 117, 118.
Public Relations
See also: Publicity.
Art of Getting Off the Front Page. E.L. Castillo **673**, 37.
Dogs and Sailors Keep Off! L.B. Blair **572**, 1095.
Hat in the Ring. B.W. Blee **786**, 83.
Navy Enlistee, 1975--From Where? (ProfNote). J.C. Bussert **823**, 105.
The Navy Gets Bad Press (NAMB) **883**, 84. **887**, 87. **895**, 93.
Navy Seeks to Alter Its Image (Nbk) **758**, 170.
The Need to Know. J.D. Harrington **634**, 1299.
Open House--Failure or Success? (ProfNote). E.F. Fitzgerald **706**, 132.
Operation Sea Orbit (ProfNote). B.M. Strean **745**, 124.
Our Navy's Image (C&D). C.G. Rucker **763**, 126.
"Overseasmanship" Training in the Navy (ProfNote). J.P. Dickson **750**, 145.
P.R.--"As Others See Us". J.M. Palmer **845**, 60.
Wanted--Naval Officers and Their Families. R.A. Velz **611**, 71.
Public Servants, Candidates for. D.A. Frost **382**, 1713.
Public Speaking
It Happens to All of Us--Speechmaking. H.V. Wiley **480**, 189.
Microphone Is Yours. F. Henry **484**, 849.
Naval Officer as Speaker and Instructor. I.E. McMillian **558**, 909.
The Naval Speaker (ProfNote). D. Walsh **780**, 129. **785**, 96.
Pass the Word--Well (ProfNote). W.C. Boggess **811**, 83.
Public Speaking. F. Luckel **398**, 537.
Speech and the Leader (ProfNote). F.L. Greaves **801**, 146.
Public Statements by Military: Most Silent Service. M.W. Cagle **798**, 37. **802**, 112, 113.
Puckett, P.: Navy and "Polly" (anec) **558**, 889. **563**, 87.
Pueblo (U.S.) **795**, 152. **858**, 21.
Memorandum to Members of the Naval Institute. T.H. Moorer **793**, i.
Puerto Bueno: Photos **130**, 466.
Puerto Rico
Hurricane. O.H. Holtmann **360**, 199.
Roosevelt Roads (Pict) **735**, 92.
Puget Sound
See also: Naval Bases.
Puget Sound Navy Yard: Coaling Plant for. **101**, 142.
Puget Sound, Washington: Ammunition Depot **388**, 781.
Pugh, L.
Doctors for Armed Forces **611**, 33.
Patient Recovered (anec) **702**, 140.
Pugliese, W.N.
Lessons of Vietnam (Greenbacker) (C&D) **850**, 83.
The Silent Vote (Dengler) (C&D) **821**, 94.
Pugsley, E.B. **660**, 109.
Force of Habit (anec) **672**, 71.
Miami to Norfolk (anec) **676**, 79.
Towing When It Counts (ProfNote) **652**, 671.
PUHLES, Potential of. J.T. Howe **681**, 52.
Puleston, W.D. **283**, 1793, 1908. **296**, 1138. **301**, 246. **304**, 521. **357**, 1645. **359**, 109. **422**, 589. **438**, 1186. **548**, 1300. **552**, 228. **559**, 1057. **581**, 769. **669**, 113.
Ancient and Modern Aspects of Sea Power **549**, 1351.
Dimensions and Characteristics of Future War **568**, 591.
Impact of Aviation on Sea Power **482**, 475.
Modern War and Ancient Maxims **514**, 1435.
Probable Effect on American National Defense of United Nations and Atomic Bomb **522**, 1017.
Re-examination of Mahan's Concept of Sea Power **451**, 1229.
Role of United States Navy in Post-War World **495**, 499.
Puleston, Churchill, and Dardanelles **360**, 263. **364**, 883. **369**, 1627.
DeWeerd, H.A. **357**, 1577, 1645.
Pulitzer Races, 1920-25. R.H. Rankin **679**, 67.
Pullen, T.C.: Northwest Passage (MacDonald) (C&D) **726**, 107.
Puller, Lt. Gen. Lewis B., U.S. Marine Corps (Nbk) **828**, 121. **832**, 104.
Pulsifer, Kelly
Approved Government Product (anec) **786**, 65.
She Dated Only Officers (anec) **745**, 59.
An Understanding Captain (anec) **768**, 62.
Pulver, C.D.: Perils of Bar Navigation (ProfNote) **687**, 127.
Pulverized Coal: See: Fuel.
Pumping Engines, Economy of... C.R. Roelker **41**, 211.
Pumps
See also: Valves.
Air pump for high vacuum **181**, 636.
Carey Oil **215**, 124.
Centrifugal **213**, 1857. **236**, 1806.
Combined steam turbine and centrifugal boiler feed pump **171**, 1038.
Deep well **245**, 1545.
For semi-diesels **239**, 163.
Latest Development in Condensing Systems. J.P. Howell **140**, 1389.
Research on Air Pumps **184**, 1338.
Submersible Motor Pump **179**, 137.
Submersible Salvage **205**, 470.
Trench Pumping Outfit. W.A. Edwards **178**, 2923.
Turbine-driven air and circulating pumps for German destroyers (1909): **133**, 272.
Punishments
See also: Law, Military and Naval.
Early Naval Punishments. H.E. Dow **348**, 259.
Non-Judicial Punishment in the Royal Navy (ProfNote). B.A. Wiley **773**, 139.
Punishments Humanized. C.H. Minckler **329**, 582. **331**, 847.
Puns: Toast, Early Naval **385**, 449.
Punta Arenas: Wireless Station at Punta Arenas **156**, 569.
Purcell, H.D.
Don't Give Up the Ship! **747**, 82. **755**, 118.
Midshipman William S. Cox, Prize Master **800**, 78.
Purcell, J.W.
North ½ East (anec) **837**, 51.

Uniform of the Day (anec) **846**, 55.
Purchasing, Hints on. F.T. Arms **186**, 1753.
Purdon, E. (joint author): See: Karig, W.
Purdy, H. **215**, 1. **246**, 1237.
Purinton, D.F.: Out of the Mouths of Babes (anec) **697**, 32.
Purl, J.D.: Modern Destroyer Bridge Design (C&D) **789**, 115.
Purnell, W.R. **568**, 681.
Purpose in Life, Thoughts on Man's. H.G. Rickover **862**, 67. **866**, 84.
Pursch, J.A.: Drug Abuse in the Navy **809**, 52. **820**, 93.
Purser/Pharmacist Mate: New Merchant Marine Rate to End Quarantine Delays (Nbk) **787**, 159.
Pursley, C.R. **770**, 115.
Book Review **806**, 110. **813**, 91. **837**, 99.
Clinic for Sick Aircraft **800**, 55.
TACRON Eleven, "T" as in "Terrible" **810**, 46.
Vertical Replenishment and the UH-46 (NewNav) **765**, 182.
Purtell, J.M.: Men in the Middle **798**, 61. **802**, 107. **803**, 104, 105. **804**, 99. **805**, 95.
Putman, J.J.: Battle Off Mylae **695**, 90. **700**, 99.
Putting 'em across. K.C. McIntosh **195**, 793.
PVY Prime Takes a Hop. H.V. Wiley **311**, 33.
Pye, W.S.
A Few Hints to the Study of Naval Tactics **125**, 1.
Joint Army and Navy Operations **262**, 1963. **263**, 1. **264**, 233. **265**, 386. **266**, 589. **268**, 975.
Scouting and Screening Operations (maps) **147**, 1139.
Strength of Gibraltar and Aviation **297**, 1160.
Pyle, Howard (artist)
Attack on a Galleon--May 1965 cover.
Captain Pearson of the Serapis Surrenders to John Paul Jones--October 1975 Cover.
Pyne, C.C. **508**, 714.
Pyne, F.G. **464**, 1463.
Pyne, W.E.
Captain's Inspection Discrepancy Report (anec) **588**, 187.
Disciplined Rudder (anec) **629**, 749.
Pyrometry: Applied to Submarine Diesel Engines. E.B. Perry **336**, 210.

Q

Q-Ships: See: Mystery Ships.
Quackenbush, D.F., Jr.: Point of View (anec) **618**, 893.
Quackenbush, R.S., Jr. **472**, 860.
Insult to Injury (anec) **631**, 1021.
Quadrant, Louis XVI: See: Cover Pictures--June 1964.
Quadrants **487**, 1238.
American Inventor of Reflecting Quadrant. H.D. McGuire **450**, 1140.
Quadrant Elevation for Naval Ordnance. P.J.R. Crampton **50**, 517.
Qualifications, Professional: As It Was, Is Now, and Ever Shall Be (C&D) **885**, 76.
Qualification Standards for Officers: Navy Standard Officer of the Deck Qualification Program (ProfNote). F.H. McDavitt **839**, 112.
Qualitative Analysis: Value Engineering--Profit Sharing Technique (ProfNote). R.S. Portugal **763**, 147.
"Quallah Batoo" Affair: See: Paullin, C.O. **135**, 707.
Quallah-Battoo, Attack on. R.F. Daley **605**, 767.
Quallen, F.J.: Popguns vs. Cruise Missiles (ProfNote) **881**, 97.
Quanstrom, C.R., Jr.: From the Files (anec) **662**, 64.
Quantico: See: Virginia.
Quantico, Basic School--Core of the Corps (Pict). B.M. Broman **793**, 84.
Quantitative Analysis
Cost-Effectiveness--Fact and Fancy. R.M. Tucker **739**, 74. **742**, 106.
What Price Sea Power? W.T. Rapp **761**, 56. **767**, 99.
Quarre, Philip: United States Navy for the Future (Smith) (C&D) **820**, 81.
Quartararo, M.A.: Authority: The Weakened Link (Dean) (C&D) **832**, 109.
Quarterly Allotment: It's Your Own Money You Are Spending. J.A. Hack **609**, 1213.
Quarterly Marks and Promotion of Enlisted Men. T.J. Raftery **370**, 1715. **373**, 403. **374**, 547. **376**, 835.
Quarto. (Italian Cruiser): Launched; description **140**, 1439.
Quartz, Fused **258**, 1387.
Quasi-war With France
Documents on Naval War With France. D.W. Knox **386**, 535.
Revenue Cutters in Quasi-War with France. R.W. Daly **478**, 1713.
Queen (HMS): Description **102**, 356.
Queen Elizabeth (Eng) **342**, 1110. **357**, 1673, 1675. **358**, 1827.
First "all-oil" battleship. Description **148**, 1740. **150**, 578. **152**, 1185.
Illustration **162**, 629.
Illustration just after launching **149**, 185.
Queen Elizabeth II (Gt.Br.)
Electronic Aids to Automate Queen Elizabeth II (Nbk) **779**, 150.
"...Long Live the Queen". A.D. Clift **782**, 34.
Queenfish (U.S.) **565**, 257. **567**, 557.
Let Pass Safely the Awa Maru. R.T. Speer **854**, 69. **857**, 88. **861**, 94.
Queen Mary (HMS)
Description; illustration **147**, 1338.
Illustration **150**, 477.
Makes World's Speed Record (1913): **148**, 1740.
Queen of the West (U.S.)
See also: Paul Stevens and S.B. Coleman. July Morning with Rebel Ram Arkansas.
Historic Ships of Navy. R.W. Neeser **417**, 1584.
Quemoy: See: Lebanon and Quemoy--the Navy's Role.
Quest (ship) **223**, 1466. **225**, 1840.
Questa, J.H.: Aide and Comfort to the Admiral (Toole) (C&D) **806**, 105.
Questions and Answers Department, U.S. Naval Institute Proceedings. 1914: **149**, 180.
Questions: Unanswered **343**, 1291.
Questions and Criticisms
re the Navy: United States Navy for the Future (C&D) **827**, 94. **828**, 105. **829**, 102. **830**, 92, 93.
United States Navy for the Future. R.H. Smith **817**, 18. **820**, 81, 82, 83, 85, 87, 89, 90. **821**, 89, 90, 91. **822**, 93, 94. **823**, 93, 94. **824**, 93. **825**, 93. **841**, 95.
Quick, G.
Patent Perforated Cake Powder for Ordnance **50**, 407.
Remarks on the Organization of Naval Engineer Forces **61**, 27.
Quick Turn Missile Sought (Nbk) **799**, 157.
Quigley, W.M. **306**, 683. **401**, 1035. **411**, 718.
Quiláli, Marines Evacuated from: See: Cover Pictures.
Quilter, E.S. **720**, 116.
New Angle For Navigator **552**, 205.
Quinan, W.R.: Crusher and Cutter Gauges for Explosives **64**, 507.
Quinby, J.G.
Future Use of Radio Telegraphy **228**, 217.
On Absence Over Leave **140**, 1401.
Systematic Preparations for Battle **122**, 643.
Quincy (CA-39) (U.S.): February 1973 Cover.
Quinn, C.M.: His and Hers (anec) **837**, 32.
Quinn, J.: Pistol Shooting Technique **383**, 85.
Quinn, J.P. **670**, 122.
Quinn, R.H. **346**, 1701.
Quirigua (SS) **353**, 1082. **356**, 1530.
Quisenberry, A.D.: New Course for NROTC (C&D) **777**, 111.
Quistconck (SS): First Ship Launched at Hog Island **187**, 2117.
Quotable Principles of War. A.R. McCracken **394**, 1826.
Quotations: "I Say Again..." **848**, 134.
Quynn, A.G.: Capture of Amoy, China, by Japanese Naval Landing Force **436**, 815.
Quynn, D.M.: Napoleon on Board Bellerophon **604**, 628.

R

R Airships: See also: Airships--England.
R-6 (USS) **225**, 1821.
R-33 (Br. airship) **384**, 237.
R-34 (British airship)
Cost of a Big Airship **199**, 1647.
Description **194**, 650.
Voyage of the R-34: **198**, 1450.
R-38: See: Airships--U.S.
R., A., Commandant. Projectiles Containing Explosives. Tr. by C.E. Munroe **170**, 665.
Rabaul: See: New Britain.
Rabezzana, H.: Spark Plug Problems **315**, 456.
Raborn, W.F.: New Horizons of Naval Research and Development **719**, 41.
Raby, J.J.: Naval Aviation Training **271**, 1646. **273**, 2224.
Race Distribution, White **252**, 332.
Race Relations
Apartheid: Shadow Over South Africa. J.A. Rondeau **883**, 18. **886**, 86. **887**, 89. **888**, 74.
USS Constellation Flare-up: Was It Mutiny? P.B. Ryan **875**, 46. **878**, 83.
Equality or Preference (C&D) **841**, 101.
Navy's Racial Reforms: Will the Trend Continue? (C&D) **858**, 88.
Seven Days in July. J.M. White **827**, 37.
Racial Violence and Unrest: Equal Opportunity. E.L. Green **856**, 40.
Racoon (HMS): Strikes Rock and Founders **180**, 448.
Radar
See also: DEW Line.
Battle of the Pips. B. McCandless **660**, 49. **665**, 108.
Marine Collision (ProfNote). J.H. Beattie **712**, 132.
984 Means Big Rise in Interceptions (ProfNote). D. Wettern **686**, 142.
Radar Altimetry in Polar Regions (C&D) **796**, 108.
Radar and the U-Boat. J.A. O'Connell **727**, 53. **738**, 123.
Radar and VPR, Inshore Navigation with. W.H. Organ **558**, 925.
Radar Collisions and the Courts. J.K. Ford **854**, 77.
Radar, Collisions, and Rules of Road. J.K. Taussig, Jr. **559**, 1029.
Radar Contact with Moon **555**, 590.
Radar Data Computer (ProfNote). W.G. Allen **698**, 135.
Radar--Milestone or Millstone? D.F. Miley **709**, 45. **720**, 116. **733**, 115.

Radar (Cont.)
Radar Piloting **708**, 113.
Radar Refraction Problem: Don't Fall in the Radar Hole. R.C. Shearar and Jay Rosenthal **850**, 55. **857**, 92.
Radar, Shipborne--A Survey. L.M. Orman **533**, 819.
Radar System Is Born (ProfNote). R.F. Sellars **708**, 146.
Shipborne Radar. D. Macintyre **775**, 70. C&D: **779**, 101. **781**, 113. **791**, 101.
Submarine Detection System (Nbk) **743**, 145. **753**, 111.
Radar Picket Escort Ships: The DER in Market Time (ProfNote). W.J. Moredock **768**, 136. C&D: **779**, 104. **781**, 111. **787**, 107.
Radar Picket Ships
Arm the AGRs? (C&D). W.A. Erwin **788**, 112.
United States: Unique and Vital DER (Pict). E.A. Parke **684**, 89.
Radar Stations--Off-shore
Diving on the Wreck of Texas Tower No. 4. A.B. Crabtree **721**, 55. **732**, 112.
New Roles for Old LSTs (ProfNote). T.I. Gray **754**, 145.
Texas Towers to Decommission (Nbk) **722**, 157.
Radar Transponder: New Radar May Assist Ships (Nbk) **749**, 150.
Radetzky (Austrian) **454**, 1759.
Launched **131**, 951.
Radez, R.E.
Civilian Command or Civilian Control (C&D) **786**, 109.
Military in the Free Society (Hays and Rehm) (C&D) **796**, 107.
Radford, C.S.: The Halpine Dirigible Torpedo **71**, 606.
Radford, G.S.
On the military-industrial organization of the navy **151**, 713.
Organization...with special reference to the navy **148**, 1683.
Radial Double Hang Recovery Method (C&D) **794**, 117. **799**, 111.
Radiation
Defense Against Nuclear Attack at Sea. D.J. Carrison **735**, 35.
Naval Lab. Inaugurates Radiation Research (Nbk) **740**, 156.
Radio
See also: Communications, Navigation; Infra-red Rays.
Aircraft **217**, 441. **297**, 1230. **305**, 607. **358**, 1839.
Aircraft Equipment **230**, 678. **246**, 1368. **285**, 2279. **336**, 265. **337**, 404.
Antennas, Submarine **207**, 777. **302**, 313.
Astronomy and the U.S. Navy. W.D. Hart **688**, 41.
Beacons **250**, 2108. **255**, 853. **264**, 334. **291**, 605. **295**, 1014. **297**, 1232. **304**, 512. **308**, 915. **318**, 725. **320**, 904.
Bent-arrow rule. H.K. Fenn **278**, 674.
Book Reviews **340**, 846. **344**, 1433.
Broadcasting **252**, 317. **259**, 1579. **263**, 149.
Broadcasting, Radio. A.H. Tawresey **256**, 893.
Cables: See: Cables.
Compass: See: Direction-Finders.
Compass Stations **217**, 363. **234**, 1447. **239**, 172.
Competitions. J.R. Johnson **329**, 626.
Control **214**, 2032. **245**, 1212. **255**, 856. **264**, 333. **300**, 149. **304**, 497.
Control of Craft: See: Hammond Radio Control System.
Control, Radio Ship. R.S. Griffin **229**, 497.
Detector Based on New Principle **163**, 989.
Development and Progress **201**, 1923. **203**, 128. **212**, 1692. **246**, 1370. **248**, 1751. **250**, 2107. **251**, 132. **256**, 1021. **267**, 790. **290**, 482. **301**, 230. **303**, 405. **338**, 553.
Device for seeing wireless signals **178**, 2971.
Experimental High-Frequency Tests for Aircraft. W.H. Hoffman and F.H. Schnell **306**, 663.
Exploding Mines By Wireless **152**, 1251.
First Long Range High-Frequency Radio Tests. F.H. Schnell **295**, 965.
Fleet Radio Communication in War. H.K. Kent **221**, 1059.
Fleet Radio Problem **260**, 1751.
FM, This New. J.R. Howland **468**, 187.
Fog Signal Stations in U.S. **264**, 335.
Freaks of War Wireless **202**, 2091.
Future Use of Radio Telegraphy. J.G. Quinby **228**, 217.
Hall Effect **290**, 483. **294**, 875.
Harvard Navy Radio School **187**, 2110.
Igniting Resonator for Starting Fire by Wireless **200**, 1797.
Importance of Radio in Modern Naval Warfare. H.F. Breckel **229**, 383.
Magnetic Storms **326**, 342.
Naval Radio Progress. H.F. Brechel **267**, 790.
Navy **239**, 131. **265**, 497. **300**, 149. **307**, 794. **322**, 1074. **338**, 553.
Navy's Super Antennae. Staff, P.I.O., Dept. of Defense **591**, 533.
Norwegian Invention for Production of Current (1919): **199**, 1639.
Ocean Station Romeo **684**, 103.
On the sensitiveness of the heterodyne receiver. M. Latour **157**, 958.
Organizations **277**, 536. **298**, 1329. **299**, 59. **320**, 902. **322**, 1073.
Phases of Radio Broadcasting. A.H. Tawresey **256**, 893.
Photography **224**, 1662. **236**, 1821. **237**, 1982. **261**, 1928. **273**, 2150. **310**, 1097.
Policy, U.S. (1926): **277**, 590.
Poulsen Arc **125**, 361.
Propagation of electric waves during solar eclipse **152**, 1252.
Proximity Fuze; Whose Brainchild? J.W. Brennan **787**, 72. C&D: **791**, 101. **793**, 99.
Radio Communications from Operator's Viewpoint. C.N. Ingraham **222**, 1201.
Radio Distance-determining Apparatus **170**, 854.
Radio for Aircraft. H.F. Breckel **285**, 2279.
Radio Laboratory for U.S. Bureau of Standards **175**, 2070.
Radio Transmission Formulas for Aerials **199**, 1639.
Radio Vision. C.F. Jenkins **273**, 2150.
Receivers **203**, 128. **217**, 442. **235**, 1607, 1609.
Renan, H., and others: Determination by radio of difference of longitude between Paris and Bizerta. Tr. by B.S. Bullard **147**, 1269.
Rivalry in wireless expansion. W.H. Scheifley **279**, 1005.
Search for the Bodies. D.E. Cummings **491**, 11. **494**, 441.
Secret Messages **207**, 784. **233**, 1241.
Selective Radio Stations. A. Artom. Tr. by L.A. Doggett **175**, 2037.
Services rendered marines by the naval communication service. B.V. McCandlish **170**, 705.
Ships Steered by Radio **223**, 1466. **343**, 1258, 1262. **344**, 1416.
Short Waves **235**, 1608. **238**, 2183. **259**, 1579. **260**, 1748. **266**, 674. **277**, 537. **278**, 777. **283**, 1863. **287**, 102. **331**, 863. **340**, 833. **355**, 1381.
Situation in U.S. (1923). W.H.G. Bullard **248**, 1622.
Static **238**, 2183. **242**, 701. **256**, 893. **283**, 1865. **295**, 974. **321**, 994. **327**, 447.
Status Research and Atmospheric Pressure. E.H. Kincaid **295**, 974.
Stations **212**, 1691. **227**, 142. **229**, 365. **236**, 1820.
Strategical Aspects of Radio. H.A. Rochester **294**, 853.
Survey of Current Progress. J.H. Dellinger **267**, 865.
Taking the "static" out of Wireless **190**, 2826.
Teaching Radio to Sleeping Students **248**, 1750.
Telegraph Alphabet **245**, 1212.
Telephony **201**, 1924. **231**, 846. **234**, 1449. **235**, 1606. **246**, 1369. **321**, 995. **324**, 161.
Teletype **219**, 782. **236**, 1821.
Television **316**, 539. **323**, 65. **327**, 447.
Time Signals **324**, 162.
Transatlantic Wireless **258**, 1379.
Transmission **228**, 318. **234**, 1446. **254**, 669. **313**, 241. **337**, 404.
Transmitters **337**, 404. **341**, 977. **355**, 1381.
Transpacific Communication. F. Luchel **213**, 1803. **222**, 1274.
Tubes **205**, 461. **210**, 1356. **224**, 1660. **233**, 1242. **239**, 171. **298**, 1329. **323**, 65. **342**, 1110.
Ultra Sound Waves and Application **291**, 606.
Under Which Government Department Do Shore Radio Stations Belong? S.C. Hooper **229**, 365.
Unification of Cable and Radio Companies. J.G. Harbord **304**, 513.
VLF Communications (ProfNote). W.D. Hart **691**, 148.
Wave Length or Kilocycle **249**, 1938.
Weather Charts **281**, 1438. **284**, 2138.
What Is the Matter with Navy's Radio? B. Washington **215**, 21.
Wind Currents Tracked by. **340**, 833.
Wireless and "static" **191**, 114.
Wireless, American, Blocked in China **280**, 1208.
Wireless in Warfare, 1885-1914. R.P. Bigelow **576**, 117. **581**, 763. **583**, 989. **587**, 87.
Wireless Lighthouse on Inchkeith **241**, 513.
Wireless, Long Distance **229**, 503.
Wireless Waves **141**, 373.
Radioactivity: Radioactivity in Holy Loch (Nbk) **755**, 152.
Radio Communications
Tropospheric Scatter: Communications Solution (ProfNote). W.C. King **741**, 133.
VHF-UHF System in Chesapeake Bay (ProfNote). G.A. Lock **748**, 145.
Radiocompass Bearings Heeling Error **447**, 718.
Radio Control: Wild-Goose Chase: Early Navy Work on Pilotless Aircraft and Ships. C.B. Mirick **521**, 947.
Radio Frequency Spectrum: Another Problem in Resource Allocation--The Radio Frequency Spectrum Shortage (ProfNote). J.L. Boyes and F.L. Frisbie **874**, 94. C&D: **878**, 88.
Radiograms: Radio Messages: Classes and Charges. In Bullard, W.H.G. Naval Radio **150**, 460.
Radionuclide Power for the Navy. F.H. Featherston **680**, 72.
Radio Obstacle Detector, Normandie (Fr. SS) **409**, 439.
Radio Speaking: See: Public speaking.
Radio Stations
Alaskan Wireless Stations, 1907: **123**, 1336.
Alaska: Amaknak Island **413**, 1002.

Arlington in 1912: **144**, 1687.
Buenos Aires to have largest station in the world **187**, 2091.
Foreign ownership of U.S. stations **167**, 154.
Government control of U.S. radio stations recommended **168**, 396.
High power station at Annapolis (1918): **188**, 2414.
Lafayette Radio Station (1918): **181**, 631.
Lafayette Station (1919): **197**, 1245.
Naval Radio in Africa. J.J. Hughes and W.E. Tanner **397**, 373.
Naval Radio Stations of Panama Canal Zone. R.S. Crenshaw **164**, 1209.
The Philadelphia Radio Station **172**, 1266.
Punta Aernas Wireless Station **156**, 569.
Radio direction-finder Stations on the U.S. Pacific Coast **196**, 1055.
Tower at San Francisco Burns **194**, 667.
U.S. Government dismantles all non-government radio stations (1917): **172**, 1266.
U.S. Naval Radio Stations (1916): **162**, 617.
U.S. Navy to have 3000-mile radius plant (1909): **129**, 315.
U.S. radio station at Honolulu **177**, 2639.
U.S. radio stations taken over by government (1917): **171**, 1036.
U.S. wireless stations in 1906: **119**, 1146.
Radiotelegraphy
Beecher, A.M.: Wireless in U.S. Navy **103**, 711.
Bright, Charles: Telegraphs in War Time **157**, 1021.
Bullard, W.H.G.: Naval Radio Service **150**, 431.
Fleming, J.A.: Electric Wave Telegraphy **124**, 1545.
Guarini, E.: Marconi's "Carlo Alberto" experiments **104**, 1013.
Lodge, Sir Oliver: Notes on tuning in wireless telegraphy **123**, 1336.
Marconi, G.: Address on wireless telegraphy (illus) **133**, 311.
Progress of space telegraphy **103**, 757.
Mavor, William: Wireless Telegraphy: Status and Prospects (1902): **102**, 439.
Poulsen, Valdemar: Lecture on Radiotelegraphy **122**, 883.
Walling, B.T.: Wanted, a Synthetic Wireless **118**, 645.
Bethenod Wireless Telegraph System **144**, 1689.
British Admiralty and the Marconi Company (1906): **119**, 1146.
British Admiralty Wireless Policy, 1909: **131**, 966.
Expansion of Wireless under the Navy's Control (1918): **179**, 123.
German Wireless Development (1915): **159**, 1666.
German wireless equipment in the European War **153**, 1517.
Government control of Wireless, 1910: (U.S.) **136**, 1175.
Heterodyne Receiver **147**, 1364.
How U-boats Send Messages 1000 Miles **184**, 1336.
Increasing Wireless Range by Kites **159**, 1667.
Interference in Wireless **116**, 1039.
Italian Portable Wireless Set **155**, 204.
Progress and Development 1903: **105**, 301. **106**, 504. **108**, 992. 1904: **111**, 677. 1905: **115**, 741. **116**, 1033. 1906: **118**, 735. **119**, 1147. 1907: **121**, 434. **122**, 883. **123**, 1334. **124**, 1545. 1908: **126**, 737, 739. 1912: **142**, 805. **143**, 1162.
Propagation of Wireless Telegraph Waves **134**, 646.
Proportioning Transmitter to Aerial **132**, 1306.
Radio Equipment for Motorcycle (Illus) **157**, 957.
Radio interference, or "jamming" **153**, 1518.
Radio Sets for Ship's Boats **148**, 1774.
Teishin-sho System of Wireless in Japan (1913): **150**, 599.
Wireless Adopted by British Atlantic Fleet **113**, 217.
Wireless and Naval War **107**, 786.
Radiotelephones
Bridge-to-Bridge VHF Radio Communications (ProfNote). E.S. Maloney **688**, 143. **693**, 111.
Collision Courses and Bridge Phones **690**, 116.
Identification of Ships in Fog With Radar and Radiotelephone (ProfNote). D. Daragan **688**, 148. **693**, 111.
Radiotelephone Act Passed, Vessel Bridge-to-Bridge (Nbk) **826**, 111.
Talk--No Collision! **690**, 116.
We Can Talk Our Way to Safety (ProfNote). H.G. Schad **688**, 144. **693**, 111.
Radiotelephony
De Forest, Lee: Progress of radiotelephony **129**, 314.
Poulsen, V.: Lecture on Wireless Telephony **126**, 738.
French Radiotelephony Developments, 1914: **152**, 1253.
Italian Radio Telephone Experiments (1912): **145**, 403.
Link Wire and Wireless Telephony **194**, 667.
Radiotelephony Development (1919): **195**, 829.
Telephoning across the Atlantic **160**, 2077.
Wireless telegraphy and telephony: summary of progress (to 1911): **136**, 1198.
The wireless telephone in 1910: **133**, 309.
Wireless telephony for U.S. Navy (1907): **124**, 1551.
Radium **216**, 278. **224**, 1666. **305**, 602.
Radio Activity. L.R. Ford **154**, 1767.
Radloff, F.H. **681**, 104.
Radom, M. **468**, 304. **556**, 707. **636**, 204.
"Americanization" of U.S. Navy **408**, 231.
Merchant Marine Training 1917-20: **467**, 22.
Our Civilian Navy **504**, 187. **514**, 1497.
Promotion of Officers in British, Japanese, French, and German Navies **415**, 1293. **429**, 1643.
Recruit to Man-O'-War's Man **490**, 1561.
Shore Administration of Shipping Company **422**, 563.
Rae, T.W.
The Comparison of Steamships **2**, 77.
The Tactics of Submarine Telegraphic Work **2**, 33.
Raeder, Erich
In Praise of My Life **689**, 95.
Navy, Hitler, and the Nazi Party **686**, 43.
R.A.F.
The Impossible Dream. N.W. Emmott **802**, 26. **809**, 107. **813**, 87. **814**, 88.
Redundant Air Force. G.W.R. Nicholl **846**, 56.
Raftery, T.J.
Aerology and Chemical Warfare **362**, 559.
Exterior Ballistics--Wind Correction **339**, 630.
Interpreting Barometric Pressure Changes **385**, 358.
Quarterly Marks and Promotion of Enlisted Men **370**, 1715. **373**, 403. **374**, 547. **376**, 835.
Rafts: See: Lifesaving.
Raglan (HMS): Sunk **181**, 685.
Raguet, E.C.
Rules for Preventing Collisions **502**, 1503.
United States Submarine Chasers at Gibraltar, November, 1918: **406**, 1703.
Rahill, G.W.
Destroyer Duty **596**, 1081. **600**, 201. **606**, 903.
Seapower--Two Sides to the Coin (C&D) **804**, 89.
Raiders
Civil War and Naval Action in Far East. J.K. Eyre, Jr. **477**, 1543.
Commerce Destruction--Past and Future. F. Pratt **381**, 1513. **384**, 251. **386**, 553. **393**, 1691.
Commerce Raider off New York. C.C. Hanks **451**, 1237. **454**, 1781.
Cruise of the German Raider Atlantis, 1940-41. R.S. Pattee **562**, 1323.
Cruise of Schiff 45. A.E. Sokol **579**, 477. **581**, 763.
Dresden, S.M.S.--Second "Flying Dutchman." H.E. Day **433**, 383. **437**, 1039.
German Gunboat That Became Yankee. C.C. Hanks **379**, 1279.
Last Confederate Raider. C.C. Hanks **455**, 21.
Marine Raider? H.D. Fredericks **642**; 848.
Raider That Never Made It (OldNav). A. Preston **781**, 140.
Saga of Modern Sea Raider. C.R. Brown **444**, 238. **446**, 617.
Sinking of Sydney. J. von Gosseln **601**, 251.
Vicksburg, Navy Gunboat, Captures German Sea Raider. L.J. Gulliver **470**, 534.
24 Sentai--Japan's Commerce Raiders. E.T. Layton **880**, 53.
Rail Ordnance: See: Guns and Gunnery.
Railroads **204**, 280. **295**, 1008. **328**, 566. **338**, 551.
Railway Batteries: U.S. Naval Railway Batteries. J.B. Bye (illus) **196**, 909.
Railway Guns: See: Guns and Gunnery.
Railways: Land Bridge, From Sea to Shining Sea. G.D. Saunders **797**, 44. **801**, 127.
Rainbow (Can.): USS Argonaut and HMCS Rainbow. J.K. Mason **871**, 85.
Rainbow (Eng.) **329**, 646. **334**, 1138. **337**, 398. **339**, 680. **347**, 125. **349**, 429. **350**, 614. **358**, 1827.
Rainbow: Hawaii **363**, 635.
Rainey, B.A.: The Female Naval Aviator: A Free Ride? (Shipman) (C&D) **876**, 77.
Rainey, J.: Citizen Rainey of Peg Leg Well. W.G. Winslow **574**, 1317.
Rainey, S.C.: The Role of Officers in Offices (ProfNote) **721**, 136.
Rairden, P.W., Jr. **629**, 825. **657**, 1235. **679**, 102.
Campaign and Service Medals--Their History and Tradition **555**, 515.
Command--Ultimate Specialty **579**, 473. **587**, 89.
Importance of Mine Warfare **594**, 847.
Junior Officer in Mine Warfare **607**, 977.
Malingering Par Excellence (anec) **555**, 543.
Navy Public Information **527**, 47.
Pomp and Circumstance **532**, 701. **536**, 1239.
Soviet Sea Power **539**, 61.
What Is Line Officer? **611**, 53. **616**, 690. **618**, 927. **620**, 1161.

Rairden, W.: Merchant Marine Cadet **387**, 626.
Raiter, S.J. **594**, 906.
Raleigh (Confed.) **402**, 1098.
Raleigh (HMS) **202**, 2069. **214**, 2012.
Raleigh (U.S.) **370**, 1826. **543**, 558.
See also: Cover Pictures--December 1959; Old Navy.
Raleigh (LPD-1) (Pictorial) **731**, 84.
Ramage, J.D.: Battle of the Philippine Sea (Buell) (C&D) **862**, 77.
Ramapo (U.S.) **360**, 193. **367**, 1351. **378**, 1097. **382**, 1755.
Rambling in Ramapo. C.O. Cook, Jr. **593**, 741.
Ramazan (Brit. transport): Sunk by Submarine **160**, 2138.
Rambler, The (C&D). G.W. Hodges **767**, 97. **771**, 123, 125. **772**, 108.
Ramillies (Eng.) **354**, 1220.
Description **149**, 213.
Ramirez, J.P.: Colombia's Riverine Welfare (ProfNote) **834**, 107.
Ramm, E.J.: ASW Officer: Jack of All Trades, Master of None (Mackie) (C&D) **840**, 89.
Rams
Cruisers with Rams **80**, 815.
in Action and Accident, The. W. Laird Clowes **69**, 85.
Katahdin (U.S.): "Old Half-Seas Under." D. Potter **467**, 57. **470**, 553.
The Marine Ram. As Designed by Rear Admiral Daniel Ammen. W.G. Gibbons **20**, 209.
Rebel Rams. F. Pratt **425**, 1021. **427**, 1344. **429**, 1647.
Tactics of Rams. In Daveluy, R.: Genius of Naval Warfare **135**, 762, 777.
Ramsey, D.C. **327**, 469. **335**, 137. **339**, 703. **345**, 1589. **346**, 1735. **350**, 601, 603-4.
Aviation Training for Midshipmen and Line Officers **335**, 18.
Course of Training for Student Aviators **289**, 303.
Development of Aviation in Fleet **247**, 1395.
Ramsey, L.C. **340**, 817.
Aerial Attacks on Fleets at Anchor (1937): **848**, 92. **414**, 1126. **418**, 1780.
Aero-Amphibious Phase of Present War **483**, 695.
Aircraft and Naval Engagement **330**, 679.
Aircraft Bomb and Naval Gun **367**, 1289. **370**, 1785. **372**, 245.
Air Power Is Sea Power **461**, 921.
and Kincaid, H.: Analysis of Recent Transatlantic Flights **295**, 986.
Bombing vs. Torpedo Planes **345**, 1509.
Dead Reckoning in Aerial Navigation **311**, 27.
"Ifs" of Pearl Harbor **566**, 365.
Influence of Aircraft on Exercise of Sea Command **428**, 1401. **435**, 727.
Neglected Phase of Naval Aviation **342**, 1052.
Use of Aircraft for Hydrographic Surveying **293**, 777.
Ramstead, Ed (artist)
USS Dewey (DLG-14)--March 1975.
Tanker (LNG-41)--April 1977 Cover.
Tomahawk Cruise Missile--June 1976 Cover.
Randall, A. **369**, 1669.
Randolph, E.S. **579**, 541.
An Engineer's Evaluation of Isthmian Canal Policy **638**, 395.
Randolph, Norris: Admiral Dewey--Fire Fighter (anec) **677**, 65.
Randolph, W.M. **330**, 761.
Randolph (USS) **275**, 26.
See also: Biddle, Edward **175**, 1998.
Inactivation of the Randolph, "As Gentle a Hardship as Possible..." H.L. Hussmann **801**, 38. **806**, 94. **810**, 105.
New Details of the Randolph-Yarmouth Battle. E.S. Maclay **173**, 1445.
Range: See: Guns and Gunnery.
Rangefinders and Rangefinding
See also: Fire Control; Spotting.
Beehler, W.H.: Estimating Distances **110**, 405.
Fiske, B.A.: The horizometer **119**, 1043. The incorrect adjustment of rangefinders **136**, 1069. The mean point of impact **143**, 1001. Sight bar range **129**, 113. Spotting and Range-finding **126**, 655. The... telescope sight. U.S. Navy first to use electrical range indicators **130**, 422. To adjust range finders before battle **127**, 1043.
Meigs, John F.: Rangefinding in the Navy **107**, 737.
Rust, Armistead: Range, or Direction, Indicator **101**, 45.
Schuyler, G.P.: Notes on the errors of stadimeters **130**, 553.
Stirling, Yates: On "Courage and Prudence **126**, 691.
Turpin, W.S.: Fire Control **111**, 593.
Accuracy of Germany Range-Finders (1912): **142**, 784.
Barleon Eye-Finger--Distance without Stadimeter. J.S. Barleon **528**, 187. **531**, 586. **532**, 715.
Change of Range in Action **150**, 537.
Davis Range Finder **101**, 157.
How French Observers Make Triply Sure of Getting the Range **175**, 2066.
Influence upon Modern Ordnance... A. Gleaves **62**, 259.
Pollen Range-keeping apparatus **147**, 1358.
Rangefinder Tests in America (1909): **129**, 307.
Vyvyan-Hewitt Range-finder **117**, 362.
Ranger (USS) **313**, 209. **360**, 299. **361**, 441, 455. **362**, 610. **377**, 1011. **380**, 1462. **382**, 1801. **396**, 249.
See also: Cover Pictures--February 1952; July, 1958.
Aircraft Carrier **341**, 980.
Cafeteria Afloat. E.D. Foster **407**, 19.
Log. L.H. Bolander **396**, 201, 301.
USS Ranger 7 July 1959 (Pict). J.W. Hamilton **682**, 87.
Salute to Flag **382**, 1801. **396**, 249.
Range Tracker (U.S.): See: New Navy.
Ranieri, R.A.J.: Angels in the Snow: Search and Rescue in the Arctic (ProfNote) **851**, 103.
Rank: Let's Abolish Ensigns (C&D) **856**, 102. **861**, 96.
Rankin, C.L.: Our Russian War of 1918-1919 (Tolley) (C&D) **799**, 108.
Rankin, K.L.: Battles of Helles and Lemnos **447**, 693.
Rankin, R.H. **680**, 114. **684**, 100. **698**, 106, 107, 112.
Alarm (USS): An Experiment (OldNav) **748**, 176.
and N.N. Rubin: Story of Coast Guard Aviation **676**, 87.
As Far as World Extends Itself **618**, 889. **622**, 1392.
DN-1, U.S. Navy's First Dirigible (OldNav) **656**, 1144.
Dunderberg--Old Thundering Mountain (OldNav) **693**, 158.
Goodbye to the Gas Bags (Pict) **704**, 91.
History of Selective Service **584**, 1073.
Idaho, Story of the First (OldNav) **688**, 173. **693**, 107.
Iowa--Alpha and Omega (OldNav) **684**, 153. **693**, 108.
Katahdin--Last of the Rams (OldNav) **668**, 146.
Navy's Secret Weapon Circa 1918 (OldNav) **772**, 158.
The Navy's Tin Bubble (OldNav) **750**, 170. **755**, 114.
Pulitzer Races, 1920-25: **679**, 67.
Schneider Cup Racers, The Navy's **629**, 802.
When the Navy Fought Ashore (OldNav) **706**, 156.
Rank Inflation: Stars, Stripes, and Gresham's Law. E.B. Strauss **781**, 51. **785**, 97. **788**. 110.
Ranks and Ratings
New Horizons in the Enlisted Navy. W.J. Miller **681**, 34.
Our Ratings Get Longer and Longer **724**, 123.
Rank, Modernized Designations of. I. Olch **514**, 1493. **518**, 573. **522**, 1089.
Ranks High in Two Services. S.P. Carter **421**, 345.
Ratings By Shakespeare. V.P. Douw **444**, 235.
Ranly, F.A.: 20-20 Vision (anec) **590**, 387.
Ranney, E.: Sea Language and Its Origins **419**, 9. **421**, 403. **423**, 741. **424**, 892.
Ransom, M.A.
Alaska--Top of Axis **441**, 1543.
Credo--The Main Mission **416**, 1413.
First Around-the-World Flight **429**, 1589.
Little Gray Ships **403**, 1280.
Some Ships That Have Passed **413**, 953.
RAP: See: Rocket Assisted Projectiles.
Raphael (SS): Photo of SS Raphael on the rocks in Strait of Magellan **130**, 472.
Rapid Fire Guns and Mounts, Notes on Care of. J.M. Ellicott **78**, 485.
Rapp, W.T. **767**, 99.
What Price Sea Power? **761**, 56.
Rappahannock (Confed.): Raider That Never Made It (OldNav). A. Preston **781**, 140.
Rappaport, A. **607**, 1027.
Book Review **778**, 126.
Raring, G.L.: The Atom, the Navy, and Limited War **708**, 50.
Rask, O.N.: New Maneuvering Order (ProfNote) **840**, 112.
Rateau Turbine **110**, 432.
Rated Personnel
A Petty Officer's Alternative to Stagnation in Rate (C&D) **883**, 79.
Prestige on the Lower Deck. A.W. Tranter **747**, 46. **750**, 109, 110. **753**, 119, 121, 122.
Under New Management (ProfNote). E.P. Higgins **804**, 110.
Rath, Eric
Cargo Ship Design (C&D) **776**, 98.
LASH and Seabee--New Ideas in Logistics (Kendall) (C&D) **798**, 107.
Rathbun, F.H.: Rathbun's Raid on Nassau **813**, 40.
Rathbun, John Peck: Rathbun's Raid on Nassau. F.H. Rathbun **813**, 40.
Rathenau, W.: Assassination of. **234**, 1455.
Ratings and Ranks: See: Personnel.
Rating Systems
Enlisted Distribution and Rating Control (ProfNote). J.E. Majesky **759**, 151.
Prestige on the Lower Deck. A.W. Tranter **747**, 46. **750**, 109, 110. **753**, 119, 121, 122.
The Tangible Incentive. S.M. Sandlin **766**, 84. **770**, 108.
Ration, The Hygiene of the Navy. H.G. Beyer **91**, 607.
Rational Victory, R.W. Selton **780**, 27. **783**, 109.
Rations: See: Mess.
Ratti, Cardinal **229**, 516.
Rauch, B.G. **512**, 1227.
Rausa, Rosario: The S-3A Viking (ProfNote) **884**, 131.
Rauth, J.A.: 8"/55 Major Caliber

Lightweight Gun: Big Punch for Small Ships (Effron) (C&D) **877**, 123.
Raven (U.S.): See: Cover Pictures—May 1955.
Rawlins, C.H. **339**, 705.
Rawlins, Dennis: Peary and the North Pole, The Lingering Doubt **808**, 32. **814**, 87.
Rawls, H.M.: Ten Days at Veracruz (Ryan) (C&D) **840**, 88.
Rawson, A.F., Jr.: USNS Corpus Christi Bay (T-ARVH-1) (ProfNote) **761**, 144.
Rawson, E.K.: The Naval Profession: its History and Ideals **110**, 321.
Rawson, G. **540**, 219. **550**, 1558.
Historic Anchors **620**, 1142.
Pathfinder of the Seas (C&D) **540**, 219.
Problems of Australian Defense **664**, 51.
Royal Australian Navy **506**, 415.
Rawson, J.E.: Argentine Observer to Operation Deep-Freeze 60 (ProfNote) **690**, 142.
Ray, H.J.
358, 1847. **370**, 1776.
Nation in Arms **372**, 205.
Selective Service **358**, 1729.
Ray, T.W.: Bureaus Go On Forever **779**, 50. **783**, 105. **787**, 111. **804**, 95.
Ray, Thomas
Annapolis: Navy's First Aerodrome **824**, 34.
The First Three **821**, 34.
Naval Aviation, The Beginning **815**, 32.
Raymond, G.A.: Sweden Digs In **621**, 1223.
Raymond, Jack (BkRev) **760**, 130.
Rea, Edward: Against All Enemies (Hanks) (C&D) **818**, 91.
Rea, Garren: Fast Enough (anec) **633**, 1257.
Rea, R.N.: Long, Hard Climb to Professionalism (C&D) **772**, 111.
Read, A.C. **351**, 759.
Read, B.F., Jr. (BkRev) **830**, 110.
Read, C.W. **331**, 843.
Cruise of the Clarence-Tacony-Archer. **131**, 675.
Read, George C.: Cruise to Orient in the Columbia and John Adams, 1838-40: **136**, 1073.
Read, N.B., Jr.
Custom Tailored (anec) **829**, 61.
Not Quite Everyone (anec) **759**, 97.
Pecking Order (anec) **893**, 81.
S.O.S. in Reverse (anec) **799**, 80.
Wet or Dry Parking (anec) **787**, 51.
Read, W.A.
Anti-Submarine Measures Old and New **459**, 638.
Sea Power and Air Power in 1940: **458**, 478.
Read, W.L. (joint author): See: R.G. Alexander.
Reader, W.H. **599**, 85.
Readiness, Of Robotry and. T.W. Goad **796**, 45.
Reading: See: Education.
Readings of a Naval Officer. David Potter **191**, 61.
Real Estate
See also: Homes.
Important Considerations in Borrowing and Lending on (ProfNote). L.P. Vidger **802**, 144.
Reams, B.E.: Prayers for the Needy (anec) **745**, 49.
Rebentisch, J.A., Jr.: MATS' Role in Naval Logistics **736**, 76.
Reber, J.J.: Pete Ellis: Amphibious warfare Prophet **897**, 53. **900**, 81, 82.
Reber, L.I.: Inertial Earth Navigation (ProfNote) **678**, 155.
Recent technical development of naval aviation. W.A. Moffett **343**, 1181.
Rechholtz, John **770**, 109.
The Dreadnought Gap (C&D) **766**, 133.
Recknor, M.W.: Step Aside, Sir (anec) **726**, 43.
Recoil
See also: Ballistics.
Recoil. P.R. Alger **115**, 677.
Recoil Mechanisms **842**, 91.
Recollections of Battle of Tsushima **326**, 285.
Recommissioning Destroyers. D.P. Moon **336**, 162.
Reconnaissance
Advanced Navy Reconnaissance (Nbk) **739**, 149.
Drop in Soviet 'Overflights' (Nbk) **745**, 137.
Naval Air Photo (Pict). J.E. Wise, Jr. **815**, 57. **821**, 97.
Naval Reconnaissance in Time of Peace. J.M. Ellicott **99**, 561.
Policy Set for U.S. Reconnaissance Ships (Nbk) **795**, 152.
Strange Assignment of USS Lanikai. Kemp Tolley **715**, 71. **725**, 112. **728**, 125.
U.S. Will Survey New Guinea (Nbk) **760**, 155.
U-2's Vietnam Mission Described as Mapping (Nbk) **736**, 157.
Reconversion, Industrial, in 1918 and 194? L.R. Walter **494**, 399.
Recording, Sound, Has Gone to War. G.W. Dyson **512**, 1203.
Records
See also: Paper work, Correspondence, Bookkeeping.
Engineering Forms for Destroyers. J.W. Reeves **302**, 265. **310**, 1085.
Industrial Organization of Navy Yards. C.W. Fisher **231**, 761. **235**, 1539.
Let's Consider Accounting. P.J. Searles **285**, 2215. **288**, 194.
Navy's Paper Work. C.F. Goodrich **241**, 465. **246**, 1323.
Paper Work. F.E.M. Whiting **276**, 294, 316. **278**, 711, 714.
Performance: See: Subject Wanted.
Plea in Defense of Paper Work. C.C. Carmine **230**, 621. **233**, 1177.
Recreation
See also: Athletics; Games.
Camps, Recreational, for Enlisted Men. T.P. Riddle **418**, 1765.
How to Keep Fit On Restless Ship. F.S. Craven **473**, 927.
Memo--Buy License. R.B. Carney **423**, 657.
Military Sports, Anyone for? (ProfNote). P. Laughlin **649**, 341.
Morale in New World War. M.M. Witherspoon **447**, 675. **449**, 1017.
Naval Academy: See: Naval Academy.
Naval District's Recreation Program. M.C. Huppuch **505**, 299.
Recreational Development at Pearl Harbor. C.M. Hatcher **488**, 1348.
Recreation and Refuge for the Crews... A. Pothuau. Duncan Kennedy, Tr. **7**, 135.
Training and Recreation in Small Ships. W.B. Porter **502**, 1481.
Recruits: See: Personnel.
Recruit Evaluation Units (REU): Aptitude Screening of Naval Recruits (ProfNote). H.J. Connery and R.R. Waite **744**, 143.
Recruit (HMS): Torpedoed **157**, 1007.
Recruiting and Enlistment
See also: Naval Training.
Enlisted Personnel of the Navy. J.K. Taussig **160**, 1781.
False Economy in Manpower (C&D). N.H. Scawthorn **731**, 103.
Grass Roots Harvest of 1828. H.D. Langley **740**, 50.
How to Stay Afloat in a Personnel Quandary (ProfNote). W.R. Thomas **854**, 119. **860**, 85.
Let's Wave the Flag. P. Laughlin **628**, 685.
Naval Recruit Training (Pict). L.D. Hamilton **755**, 93.
A New Era in Navy Recruiting. G.E. Thibault **878**, 24. **882**, 81.
NROTC Recruiting: A Worm's Eye View. J.A. Winnefeld, Jr. **888**, 97. **898**, 79.
One Hundred and Eighty Years of Naval Recruiting. O.S. Roloff **646**, 1301.
Potential of PUHLES. J.T. Howe **681**, 52.
Recruiter, Navy, Reflections of. R.F. Marshall **554**, 405.
Recruiting Areas; List of Directors **828**, 5.
Recruiting Posters WW I (Pict) **828**, 68.
Recruiting Posters, Pre-World War II: "You Can Always Tell a Marine" (Pict) **849**, 73.
Recruiting Problems: 1985: Where Did All the Young Men Go? (ProfNote). R.T.E. Bowler, III: **898**, 99.
Recruiting the Navy Personnel. R.C. Smith **101**, 39.
Recruits and Ratings. R. Lane **385**, 320. **388**, 903.
Recruits, Insurance for Naval. J.J. Levasseur **416**, 1393.
Recruits, Training of: See: Naval Training.
Recruit to Man-o'-War's Man. M. Radom **490**, 1561. **495**, 569.
Reflections of a Navy Recruiter. R.F. Marshall **554**, 405.
Selection of Recruits. J.H. Reid **105**, 43.
Suggestion for the use of battleships in reserve. F.A. Savage **151**, 809.
U.S. Navy Recruiting System Reorganized, 1917: **169**, 589.
Vital Interests and Volunteer Forces. L.P. Brooks **815**, 18. **824**, 91.
Red Activities in America (Int.Notes): Amtorg Trading Company **331**, 876.
Reday, J.Z. **669**, 108, 109.
Economic War Potential of Asia **585**, 1137.
Industrial Mobilization in U.S. **608**, 1065.
Is U.S. Aid to the Orient Working? **657**, 1149.
Japan's Taiwan Dilemma **829**, 49.
Oil and the New Japan **671**, 61.
Our Stake in the Orient Today **666**, 51.
What of Japan? **629**, 751.
Red Bill's Gifted Interpreter. E. Snow **310**, 1119.
Red China: See: China (People's Republic).
Red Cross
Exhibition at 9th Annual Conference (1912): **141**, 374.
Japanese Red Cross in 1905: **114**, 516.
Marie Reodorovna Prizes **138**, 673.
Prisoners' Parcels. R.P. MacHatton **485**, 973.
Red Cross at Masthead. R.P. MacHatton **452**, 1407.
The Red Cross at Vera Cruz (1914): **152**, 1258.
Red Cross Serves All Hands. W.E. Beall **681**, 79. **692**, 111.
Red Cross Work in Time of War **153**, 1528.
Reddick, J.P., Jr.: Herndon, Maury, and the Amazon Basin **817**, 56. **829**, 109.
Redeker, H.E. **518**, 580.
Red Fern and Red Rose Awards **463**, 1323.
Redfield Rocks: See: Reed Rocks.
Redgrave, D.C. **340**, 846.
Redmayne, R.B.: Prestige and the Navy Family (C&D) **749**, 107.
Redon, Mrs. A.L.: An Evaluation of Commodore Bainbridge (C&D) **658**, 1348.
Redoubtable, F.N. **303**, 399. **328**, 547.

Red Rover: First Hospital Ship of the U.S. Navy (OldNavy). W.T. Adams **789**, 149.
Red Sea Brine Holes (ProfNote). C.D. Densmore **780**, 132.
Red Star Over the Southern Sea. P.R. Schratz **808**, 22.
Reduced Bridge Manning Pilot Program (Nbk) **838**, 118.
Reduction Gear, H.R. **236**, 1807.
Redwing (USS) **258**, 1344.
Reed, C.M.: Notes on Boiler Testing **187**, 1997.
Reed, H.V.: No Disrespect Intended (anec) **834**, 31.
Reed, J.: Navy Yard Administration and Industrial Engineering **206**, 509.
Reed, J.A.: Renaissance of the U.S. Coast Guard **750**, 26.
Reed, J.C. **501**, 1394. **504**, 218. **506**, 444. **511**, 1087. **516**, 289. **529**, 339.
Reed, J.P. **477**, 1615.
Reed, K.S. **370**, 1785.
Wreck of the Tacoma (OldNav) **820**, 74.
Reed, L.
Contribution of Coast Guard to Development of Alaska **315**, 406.
Starting Ship's Library in Coast Guard **253**, 436.
Reed, P.L.
On navy yard economy **138**, 605.
On organization for naval administration **147**, 1305.
Reed, S.C.: Operation Sailor Hat (ProfNote **759**, 144.
Reed, W.B. **63**, 347.
Reed-Hill, Ellis **656**, 1123. **601**, 326. **659**, 95.
Out of Step (anec) **623**, 49.
Reed Rocks: Said to be non-existent **113**, 256.
Reedy, A.D.: Lookout Was Too Busy to Report (anec) **745**, 41.
Re-Enlistment
All Right! Go Home! W.H. Tebbetts **630**, 874.
Career Man. J.T. LeBarron **623**, 19. **626**, 453.
Case History. H.N. Kay **640**, 602.
No Competition. F.E. Bitting **656**, 1078.
Reenlistment: Key Factor in Strong Navy. W.J. Miller **614**, 403.
Re-enlistment Rates (C&D). N.G. Walton **760**, 124.
Re-enlistment Rates in Navy Lowest of All Services (Nbk) **813**, 105.
Re-enlistment Treadmill **643**, 999.
Think Long and Hard! K.C. McIntosh **637**, 255.
Treat Sailors Like Spare Parts? A.B. Taylor **764**, 72.
What? Me Ship Over? **626**, 453.
Rees, J.F. **642**, 878.
Reese, F.W.: Defense Communications Agency (ProfNote) **737**, 134.
Reese, H.C.: SS France--Biggest Since Normandie (ProfNote) **710**, 143.
Reese, T.H.: Oath of Allegiance **751**, 52.
Reeve, Sidney A.: Hydraulic interaction between passing vessels, called "suction" **140**, 1347.
Reeve Memorial Prizes: Rules for Competition **131**, 997.
Reeves, J.M.: Aviation in Fleet **320**, 867.
Reeves, J.W. **244**, 1006. **288**, 196. **293**, 798. **321**, 977. **362**, 569. **695**, 125.
Engineering Forms For Destroyers **302**, 265.
Naval Aviation Cadet Program (Pict) **568**, 659.
Selection for Promotion **399**, 649.
Refitting, Naval Treaty to Govern **242**, 687.
Reform
Military Critic. P.M. Flammer **841**, 28. **846**, 97. **850**, 85.
No Room for Young Turks? P. Karsten **841**, 37. **846**, 96.
Refraction: Astronomical Observations. G.C. Comstock **203**, 33.
Refractometers, Interference Phenomena in a New Form of. A.A. Michelson **21**, 495.
Refrigeration
Carbon Dioxide Refrigerating Plants. G. Grow **263**, 139.
Evaporated Water **260**, 1732.
Refrigerating Machine, Air. B.F. Isherwood **29**, 285.
Refueling
See also: Fueling and Fueling at Sea.
Oiler-Command, A Rewarding Deep Draft Experience. H.G. Bowen, Jr. **667**, 83.
Reducing Replenishment Time (ProfNote). I.W. Blair **686**, 153.
Refueling at Sea
Not Too Near--Not Too Far (ProfNote). D.W. Curl **765**, 157. **769**, 110, 111. **772**, 107.
U.S. Navy Colliers (OldNav). J.T. Henrizi **771**, 162. **774**, 102.
Refugees
Cuban Exodus. W.F. Cass **760**, 46. **773**, 108.
The Hand of Hope. P.L. Townsend **883**, 38.
Regan, Paul M.: Military Cover and Deception vs. Freedom of Information (Toole) (C&D) **877**, 119.
Regent (Eng.) **329**, 646. **334**, 1138. **337**, 398. **347**, 125. **350**, 614. **353**, 1072.
Regimen of the Seas. J.H. Guill **658**, 1308.
Regina Elena (It. battleship)
Description **125**, 344.
Launched **108**, 982. **111**, 651.
Regina Margherita (It. battleship)
Description **111**, 651.
Sunk by Mine **169**, 614.
Trials **114**, 513.
Registry: Flags of Convenience: Maritime Dilemma. I. Dye **708**, 76. **711**, 122, 123.
Registry of Vessels: Flags of Convenience **721**, 110.
Regolo-class destroyer (It.) **456**, 301.
Regulations
History of Regulations in U.S. Navy. L.H. Bolander **537**, 1355.
Naval Regulations. H.E. Yamell **230**, 577.
Regulus (Eng.) **329**, 646. **334**, 1138. **337**, 398. **347**, 125. **350**, 614.
Reh, F.J.
Old Naval Custom (anec) **682**, 107. **693**, 43.
Rehabilitation
Naval War-Time Discipline and Rehabilitation. J.K. Taussig **500**, 1207.
Rehabilitation Needs of Returning Veteran. A.L. Benton **518**, 517.
Rehabilitation of War-Disabled. J.P. Owen, H.H. Kessler, H.C. Lindgren, and V.N.M. Kahn **502**, 1439.
Rehm, R.A. (co-author): See: S.H. Hays.
Rehoboth (SS): How the Rehoboth Was Sunk **183**, 1168.
Reich, E.T.
Bainbridge Is Not the Answer (C&D) **735**, 108. **739**, 117.
Evaluating the DDG (C&D) **753**, 110.
Operational Readiness and Military Requirements (C&D) **743**, 103.
Overview of the Defense Budget **813**, 23.
Reich, H.: Officers for Post-War Navy **511**, 1029.
Reich, Herman: Former Military Men Have a Place in Defense Industry (C&D) **834**, 91.
Reich Calls a Hands. G.J.B. Fisher **336**, 203.
Reichard, E.C.: "AcDuTra:" A Reserve's Judgment (C&D) **775**, 117.
Reichelderfer, F.W. **276**, 392.
Reichert, H.E.: LAMPS in the Gulf of Tonkin (ProfNote) **841**, 115.
Reichert, Karl-Heinz, and Franz-Dieter Braun: Missions and Concept of the Federal German Navy (ProfNote) **874**, 96. **878**, 90.
Reichner, H.H., Jr.: Marines Afloat: Asset or Anachronism? **588**, 153.
Reid, James H.: Naval Training Policy and System **105**, 1.
Reid, S.C.
General Armstrong (U.S. privateer) at Fayal **410**, 503, 551.
Guns, Diplomacy, and Litigation. C.M. Robinett **573**, 1225.
Sea Fight at Fayal (OldNav). R.J. Hanks **777**, 157.
Reid, W.J.: Military Value of Cape Cod Canal **750**, 82. **755**, 114.
Reid (USS) **206**, 531.
Reiger, G.W.: Words, Words, Words (ProfNote) **804**, 107.
Reiling, V.G., Jr., and G.W. Scott: Psychological Operations in Vietnam (ProfNote) **785**, 122.
Reilly, H.J. **717**, 126.
Reina Cristina (Sp. battleship): Raised **106**, 509.
Reina Mercedes (Sp. cruiser): Effect of bursting of 12-in. shell on Reina Mercedes **103**, 496.
Reina Mercedes (U.S., former Sp.) **339**, 711.
Cruiser, Trophy, Legend. W.L. Marshall **679**, 82.
Reinburg, L.: Alaskan Native's Idea of Government Employment (anec) **554**, 433.
Reinburg, LeRoy, Jr.: Use of Pigeons (anec) **684**, 119.
Reinhardt, G.C. **576**, 207. **577**, 323. **580**, 662. **582**, 887. **586**, 1346. **587**, 97. **590**, 446. **595**, 1031. **606**, 908. **615**, 582. **625**, 337. **680**, 110.
Air Power Needs Its Mahan **590**, 363.
Doctrinal Gap **762**, 61.
Dunkirk--Miracle or Blunder? **581**, 709.
Sea Power's Role in Atomic Warfare **610**, 1279.
Reinhardt, G.C., and W.R. Kintner
Mediterranean Theater: Iron Curtain By-Pass **604**, 603.
Need for National Staff **593**, 721.
Policy: Matrix of Strategy **612**, 145.
Reinicke, F.G.: Antisubmarine Pioneering (OldNav) **752**, 168.
Reinicke, H.J. **633**, 1271.
German Side of the Channel Dash **628**, 637. **634**, 1381.
German Surface Force Strategy in World War II: **648**, 181.
Reisinger, H.C. **359**, 150. **365**, 1054. **368**, 1527. **385**, 416.
Coast Guard Ambulance Flights **395**, 57.
Flying Lifeboat of Coast Guard **359**, 81.
Flying Reserve of Leathernecks **368**, 1466.
High Quality of Our Reserve **381**, 1526.
La Palabra del Gringo! **384**, 215. **387**, 709.
Naval Aviator in Reserve **373**, 381.
Reisinger, W.W.: Torpedoes. Prize Essay for 1888: **46**, 483.
Relation of Wave to Wind. H.A. Marmer **346**, 1687.
Relative Bearing Navigation (ProfNote). J.H. Bartol, Jr. **779**, 136. **786**, 115.
Relative movement of ships: See: Navigation.
Relative naval strength: See: Navies.
Relativity. H.K. Lyle **229**, 395. **231**, 789.
Reliance (Ger. SS) **449**, 1066.
Relics: See: Trophies and Relics.
Relief (USS) **204**, 283. **341**, 868. **415**,

1226. **473**, 967.
Religion
Church Call Without a Chaplain. J.H. Shilling **675**, 70. **681**, 100.
Naval Chaplaincy. R.H. Warren **798**, 54. **803**, 102.
Religion in Leadership. S.K. Evans **292**, 639.
Religious Pluralism and Navy Chaplains (ProfNote). R.G. Hutcheson, Jr. **828**, 116.
Stand By To Repel Boarders... (ProfNote). T.D. Parham **817**, 104. **823**, 96.
Remarks (on board U.S.F. President): Made by M.C. Perry. R. Wainwright **49**, 339.
Remembrance of My Cruise (Pict). C.A. Focht **786**, 88. **795**, 112. **799**, 107. **804**, 94.
Remey, G.C. **302**, 341.
Remick, W.C.: The Case for Foreign Military Sales in American Persian Gulf Strategy **887**, 18. **890**, 84.
Remington, J.F.
Hard-to-Find Extra Sleepers (anec) **673**, 35.
One Up On The Birds (anec) **830**, 53.
Reminiscences: See: Anecdotes.
Remote Control
German Experiments with Remote Control During Last War. A.E. Sokol **492**, 187.
Wild-Goose Chase: Early Navy Work on Pilotless Aircraft and Ships. C.B. Mirick **521**, 947.
Remotely-Manned Systems: Technology's Helping Hands (ProfNote). N. Newman **857**, 115.
Remotely Piloted Vehicles: RPVs: Skeet for the Fleet (ProfNote). D.A. Mohr **836**, 111.
Remote Sensing in Oceanography (ProfNote). B.E. Olson **809**, 124.
Remote Underwater Manipulator (RUM): See: Hands Beneath the Sea.
Rempt, R.P.
Employment Plan for U.S. Navy PHMs (ProfNote) **880**, 93. **884**, 94.
Vertical Missile Launchers (ProfNote) Part I: **896**, 86. Part II: **898**, 105.
Renan, Henri, and others: Determination by radio of the difference of longitude between Paris and Bizerta. Tr. by B.S. Bullard **147**, 1269.
Renaudin (Fr. destroyer): Sunk by Submarine **162**, 660.
Renda, D.P.: Turmoil in Paradise: Micronesia at the Crossroads (Webb) (C&D) **837**, 89.
Rendezvous in Reverse. E.T. Layton **603**, 478. **606**, 897.
Renown (Eng.) **265**, 461. **283**, 1805. **343**, 1262. **350**, 614. **352**, 922, 926. **354**, 1221. **358**, 1825, 1827. **386**, 576. **387**, 728. **388**, 876.
Description **196**, 1031.
Rentz, F.L.
Celestial Fix in 20 Minutes (ProfNote) **697**, 145. **701**, 101.
Navy's Politico-Military Program (C&D) **734**, 111.
Rentz, G.S.: Naval Aviators Relieve Flood Victims **318**, 690.
Rentz, J.N. **551**, 105.
Marine Corps Aviation--An Infantryman's Opinion **561**, 1277.
Reny, Robert: Needed: A Credible Presence (C&D) **768**, 116.
Repair and supply operations, Fleet: Exercise in Mobility (ProfNote). W.B. Hayler **777**, 135.
Repairs: See: Construction and Repair.
Repairs and Alterations to Vessels
See also: Ships, interned.
Beehler, W.H.: Changing the Propellers of the USS Hopkins at the naval station, Key West, Fla. (illus) **122**, 721.
Evans, F.T.: Emergency Repairs to USS Walke (illus) **153**, 1387.
Hellweg, J.F.: Emergency Repairs to a Destroyers **149**, 63.
Kearney, T.A.: Repair and Alteration of Ships **147**, 1127.
Repairing German Ships at Sea **155**, 213.
Ruhm, T.F.: Repairs to SS Shawmut without drydock **114**, 455.
Wilson, E.E.: Emergency repairs to a battleship **179**, 55.
Repairs Ships: Seron Ten. W.R. Carter **540**, 153. **543**, 629.
Reparations: See: World War.
Repatriation of POWs: Operation Homecoming. J.H. Fellowes **885**, 30.
Replenishment
Civilian-Manned Support Ships: A View from the Fleet. S.W. Emergy, Jr. **890**, 34.
For Want of a Nail. J.T. Henrizi **726**, 44.
Mobile Site: Polaris Site One, Holy Loch (ProfNote). J.F. Heald **779**, 124.
Shiphandling in Modern Underway Replenishment (ProfNote). B.A. Lienhard **801**, 140.
Ship-to-Ship Probe Fueling (ProfNote). S.P. Weintraub **776**, 133.
An Unusual Unrep (C&D). F.C. Collins, Jr. **786**, 104.
Vertical Replenishment and the UH-46 (NewNav). C.R. Pursley **765**, 182.
Repose (USS) (AH-16). R.N. Edwards (Pict) **782**, 80.
Reprisals: Legal Use of Force Short of War. B. Harlow **765**, 88.
Republic (SS): Loss of the. **158**, 1212.
Republique (Fr. battleship)
Description **104**, 961.
Trials **120**, 1569.
Repulse (Eng.) **352**, 922. **353**, 1071. **470**, 539. **858**, 95.
Description **196**, 1031. **197**, 1250.
Requin (FN) **328**, 547.
Description **102**, 322.
Rescue
See: Lifesaving.
Rescue of George Olsen after 3 days in the water **136**, 957.
Rescue From Life Raft, Fourteen Ships Pass Seamen Awaiting (Nbk) **813**, 103.
Rescue Ships: Risky Rescue. F.S. Bayley, Jr. **578**, 359.
Rescue Units: See: Salvage and Rescue Units.
Rescue Vehicle: Light Water, Helo Speed Crash-Rescue Fire Fighting (Nbk) **755**, 158.
Research and Development
Combat Effectiveness, To Increase Our. J.C. Busby **587**, 59.
David Taylor Model Basin **721**, 89.
Dow, J.B., Statement **509**, 833.
Engineering Experiment Station, Annapolis. A.P. Calvert **443**, 49.
Engineering Experiment Station, U.S. Naval (Pict). W.D. Leggett, Jr. **579**, 517.
England **212**, 1656. **217**, 414, 417.
Experimental Laboratory **215**, 115.
Experiment Station as Aid to Industry. H.C. Dinger **296**, 1117.
Facts Are Where You Find Them (ProfNote). W.J. Miller **712**, 145.
Formula for the Future--Operations Research. F.S. Haak **698**, 50.
Industrial Research. C.L. Petze, Jr. **450**, 1148.
Industrial Research and Expanding Navy--An Estimate of Situation. W. Patnode **459**, 641.
Man and Materials in Polar Regions. G.W. Grupp **558**, 865.
Man-Made Porpoise (Nbk) **722**, 167.
Naval Air Development Center (Pict) **810**, 76.
Naval Boiler Laboratory **351**, 795.
Naval Ordnance Laboratory. F.S. Withington **533**, 795.
Naval Research
Holmes, W.J. **396**, 178.
McDowell, C.S. **196**, 895.
Naval Research in Peace and War. L.B. Loeb **512**, 1169.
Naval Research--The Brain Game. C.O. Holmquist **859**, 44.
Navy and Applied Physics Laboratory. B.S. Walker **732**, 44.
Navy Cold Weather Construction Engineering. G.W. Grupp **561**, 1233.
Navy Overland Transportation Methods in Polar Regions. G.W. Grupp **560**, 1123.
Navy's "In-House" Research Laboratories. C.O. Holmquist and R.S. Greenbaum **708**, 68.
Navy's Scientific Wonderland. H.N. Kay **590**, 389.
Navy to Test Man's Ability Underwater (Nbk) **737**, 151.
Navy Unifying Efforts to Develop Ocean Resources (Nbk) **736**, 163.
New Horizons of Naval Research and Development. W.F. Raborn **719**, 41.
Operations Research, Aid to Military Decision (ProfNote). C. Abhau **678**, 137.
Progress in De-Salting Water (ProfNote). E.J. Long **716**, 140.
Recent Advances in Atmospheric Hygiene in Navy. E.E. Metcalfe **545**, 877.
Research and Naval Officer. B.F. Brown **599**, 39.
Research Buoy, Largest Array to Be Set Out By Soviets (Nbk) **804**, 129.
Researches of Prof. A.A. Michelson. W.H. Crew **323**, 38.
Research Laboratory. P. Foley **272**, 1925.
Research Reserve. C.S. McDowell **309**, 976, 998. **310**, 1085. **311**, 51. **313**, 225. **314**, 321.
Research Submarine Alvin (ProfNote). E.S. Allen **734**, 138.
Rocket Development. R.C. Truax **739**, 82.
Role of Operations, in Navy. J. Steinhardt **519**, 649.
Royal Navy, Research for. T. Blore **598**, 1315.
Scientific Research and Modern Warfare. J.A. Furer **505**, 259.
Sharks: Navy Countermeasure Research (ProfNote). C.A. Barton **872**, 115.
Shipborne Radar. D. Macintyre **775**, 70. C&D: **779**, 101. **781**, 113. **791**, 101.
Ship Hydrodynamics Laboratory (ProfNote). H. Lovell **683**, 136.
Sub Model Is Unveiled (Nbk) **732**, 153.
Synthetic Training in War Program. L. de Florez **503**, 55.
Task Force Research. W.O. Foss **552**, 189.
To America--With Pride. R.P. Brewer and W.J. Miller (comps and eds) **881**, 52.
Undersea Test Range Okayed for Bahamas (Nbk) **726**, 138.
Waterways Experiment Station: Pictorial Section **571**, 1019.
Research Associate Program: The Navy Research Associate (ProfNote). G.A. Fulk and G.C.A. Laskaris **856**, 116.
Research Navy. W.D. Brinckloe **670**, 97.
Research Reserve, Neglected Resource. W.J. Veigele **798**, 82.
Research Ships: German Research Ship

Research Ships (Cont.)
German Research Ship Meteor (Nbk) **744**, 163.
Research Vessels
Acania Now Oceanographic Ship for NPS (Nbk) **858**, 116.
Another Hero Is Born (ProfNote). F.V. Rigler **799**, 146.
Catamaran: Shape of Things to Come (ProfNote). G.E. Meese **858**, 105.
Floating Laboratory Sails, USNS Croatan (Nbk) **747**, 168.
New Science Ship for Bureau of Commercial Fisheries, Townsend Cromwell (Nbk) **734**, 156.
Nikolay Zubov--Russia's Newest Oceanographic Class Ships (ProfNote). R.D. Plunkett **816**, 97.
R/V Hero--Assignment: Antarctic (Pict). W.R. Curtsinger **816**, 56.
Reserve Command to be Located in New Orelans (Nbk) **841**, 123.
Reserve Fleet
Commanding Mothballer. J.C. Shaw **588**, 161.
Fighting Ships on Leash. H.F. Cope **528**, 161. **534**, 979.
Good-bye, Columbus (ProfNote). Nils Rueckert **870**, 105.
Halfway Measure (C&D). T.G. Martin **803**, 102.
Inactivation of the Randolph, "As Gentle a Hardship as Possible...". H.L. Hussmann **801**, 38. **810**, 105.
Mothball Fleet (Pict). G.R. Kolbenschlag **746**, 88.
Mothball Fleet Is Obsolete (C&D) **852**, 87. **856**, 91. **857**, 91.
The National Defense Reserve Fleet: Past, Present, and Future. C.H. Whitehurst, Jr. **888**, 26.
Navy's Mothball Fleet Grows (Nbk) **803**, 137.
Reserve Fleet. C.H. Sigel **581**, 681.
38 Ships Returned to Reserve Fleet (Nbk) **795**, 154.
Reserve Forces--Coast Guast, U.S.: The Coast Guard Auxiliary: A Proud Tradition--A Worthy Mission. J.D. Prout **882**, 33.
Reserve Forces--Navy, U.S.
"AcDuTra": A Reserve's Judgment. W.C. Becker **769**, 70. **775**, 117, 118. **777**, 105.
Are TARS an Endangered Species? (C&D) **893**, 89.
Career Dilemma of the Naval Reserve Surface Line Officer. D.L. Woods **767**, 50. **771**, 120.
Discipline in the Naval Reserve. R.E. Stivers **758**, 104. **761**, 116.
Marine Corps Reserve (ProfNote). G.B. Stevens **753**, 140.
Naval Air Reserve Retention--A Survey (ProfNote). M.B. Boggess **840**, 108.
Reserve Duty Cut for Veterans (Nbk) **776**, 143.
Reserves Not to be Held Involuntarily (Nbk) **772**, 150.
Sea Power in Reserve. G.V. Brown **772**, 74. **775**, 111.
Reserve Mine Squadron Commissioned In California, Second (Nbk) **813**, 102.
Reserve Officer Candidate Program: ROCTWO Program at the U.S. Naval Academy--Summer 1968 (ProfNote). A. Monroe and T.C. Lane **790**, 142.
Reserve Officers and Promotion. G.D. Saunders **784**, 67. **788**, 111. **789**, 109.
Reserve Officers' Training Corps
See also: Education, Naval Reserve.
Campus Unrest. Dan Caldwell **796**, 58. **800**, 101. **805**, 91.
Citizens in the Officer Corps...ROTC's Past and Present (ProfNote). D.H. Else, III: **845**, 107.
High School ROTC Expanded (Nbk) **802**, 164.
In Defense of the NROTC (C&D). C.V. Christensen **810**, 100.
Junior NROTC Program (ProfNote). R.T. Williams **796**, 134.
Naval Reserve Officers Training Corps (1928). C.W. Nimitz **848**, 82.
The Naval ROTC (C&D) **797**, 106. **801**, 111, 112.
NJROTC Comes of Age (ProfNote). T.W.
NJROTC Diary. Larry Watson **821**, 44.
NROTC at UCLA--The Colors Still Fly. L.M. Kryske **826**, 18. Murphy **847**, 107.
The NROTC Crisis (C&D) **801**, 109. **806**, 99. **814**, 87.
NROTC--42 Years of Service (ProfNote). V.J. Anania **799**, 141.
NROTC Plight. P.H. Smith **752**, 64. **756**, 102, 104, 105, 106, 107. **758**, 134.
NROTC--A Quality Education? (ProfNote). N.T. Hansen **835**, 110.
NROTC: Quo Vadis? E.N. Bouffard **893**, 33. **896**, 68. **897**, 82, 83. **898**, 79.
NROTC Recruiting: A Worm's Eye View. J.A. Winnefeld, Jr. **888**, 97. **898**, 79.
NROTC Unit Leaves Stanford (C&D) **847**, 83.
New Course for the NROTC. F. Bopp, III: **768**, 80. **771**, 127. **773**, 107, 108. **775**, 108. **777**, 111.
Officer Educational Specialist--A Proposal (ProfNote). J.B. Washbush and L.R. Hess **833**, 116. **837**, 90.
Officers for the 1980s: A Challenge for NROTC. M.E. Soper **864**, 40. **869**, 73, 74, 75, 76.
ROTC Under Fire (ProfNote). P.A. Keith **796**, 140.
Some Implications of University Unrest (ProfNote). A.C.A. Jampoler **797**, 141. **801**, 111.
The Universities: Trial By Fire. Baylor Gibson **806**, 32.
Wetter, Better NROTC. J.W. Corey, Jr. **808**, 64. **816**, 82. **818**, 94. **817**, 94.
Why ROTC? (C&D) **794**, 120. **800**, 102.
Reserves--What Kind? D.J. Carrison **627**, 528.
Reshadieh (Turk. battleship): Launched; description **148**, 1759.
Resignations: Three Hundred Officers Resign from U.S. Navy (1919): **200**, 1789.
Resignations, U.S. Navy **202**, 2084.
Resistance of Air to Motion of
Full Sized Ships, Towing Experiments on Models... F.T. Bowles **23**, 81.
Projectiles. J.M. Pollard **44**, 97.
Ships. Wave Motion. J.M. Rice **18**, 447.
Resistance of Ships
Effect of Shallow Water upon. H.M. Heiser **423**, 709. **429**, 1645.
Resistance of Ships and Depth of Water **216**, 271. **341**, 993.
Resolute (Br.) **429**, 1592.
Resolution (Eng.) **328**, 544. **357**, 1675. **358**, 1827.
Resolution (ship): See: Malo, H.: American Privateers. **139**, 933.
Resource (Eng.) **325**, 233. **352**, 923.
Resource Management Systems: Navy Financial Management of Resources (ProfNote). J.T. Talbert, Jr. **804**, 117.
Resources Management Systems: Prime 69. D.H. Guinn **795**, 50, 130.
Respodentia: See: J.W. McCurdy. The Marine Surveyor.
Responsibilities and duties of naval officers of the U.S. in educating... the public on professional matters. V.N. Bieg **200**, 1751.
Responsibility: Archduke Albrecht of Austria (Presumably) **24**, 335.
Responsibility Pay for Officers. E.R. Zumwalt, Jr. **669**, 87.
Restricted Waters, Handling vessels in. F.E. Nelson **304**, 446.
Retaliation (USS): See: Farenholt, A. **128**, 1279.
Retardation of Ship's Speed in Turning. W.K. Mendenhall **271**, 1719.
Retention of Military Personnel
Career Retention and the Division Officer (C&D). T.C. Grzymala **764**, 130.
Effect of Sea Pay on Retention (ProfNote). D.H. Gress **849**, 117.
Field Promotion: Reward or Punishment (C&D). D.E. Buck **779**, 99.
Fifth Man. C.G. Rucker **755**, 86.
Image of Command. S.H. Edwards **804**, 36. **809**, 101, 102, 103. **811**, 98. **815**, 88. **816**, 84. **824**, 95.
Image of a Winner: Answer to Personnel Retention (C&D) **828**, 93.
Junior Officer Retention. M.S. Harris **817**, 26. **822**, 97. **823**, 92. **827**, 90. **828**, 100. **832**, 111.
Let's Try to Retain the Forgotten Men (C&D) **806**, 98. **814**, 82.
Line Officer Shortage (Nbk) **767**, 133.
Making Re-enlistment Programs Work (ProfNote). S.D. Landersman **752**, 130.
Naval Air Reserve Retention--A Survey (ProfNote). M.B. Boggess **840**, 108.
Navy--A Retention Gap (C&D) **792**, 105. **797**, 113. **798**, 114. **800**, 113. **804**, 90. **805**, 92.
Navy Draft Shows Need (Nbk) **752**, 142.
Navy Medicine, A New Perscription. P.A. Flynn **816**, 42. **820**, 92. **821**, 96. **824**, 96. **828**, 104. **829**, 107. **834**, 89.
The People Factor. Tazewell Shepard, Jr. and Allan Slaff **769**, 76. **773**, 107. **774**, 105. **776**, 109. **779**, 102. **783**, 107.
Retention--and Comradeship (C&D) **828**, 98.
Retention and the NAS Nugget (C&D) **829**, 106.
Retention Begins at BuPers (C&D) **801**, 124.
Retention of Enlisted Men (ProfNote). R.W. Dickieson **795**, 140.
Retention: The High Cost of Leaving. J.R. Fredland **803**, 44. **808**, 106, 108. **809**, 109. **810**, 106, 107, 108. **811**, 93. **815**, 86. **816**, 83.
Retention: The Talk and the Deeds. Charles McIntosh **823**, 58. **832**, 107. **837**, 96.
Sea of Matrimony. P.E. Jerauld **757**, 93.
The Silent Vote. F.G. Dengler **816**, 34. **820**, 92, 93. **821**, 94, 95. **824**, 92. **828**, 105.
Thin Blue Line. R.J. Hanks **740**, 60.
Those First Impressions (C&D). R.L. Madouse **767**, 104. **771**, 119. **773**, 112. **777**, 103.
Treat Sailors Like Spare Parts? A.B. Taylor **764**, 72.
Which Way Is Up? J.J. Dougherty **778**, 76. **782**, 95.
Spanning the Leadership Gap: A Dual-Track Pay Scale (C&D) **857**, 103.
Stranger in the Crowd. K.C. Jacobsen **859**, 32. **863**, 75.
Retired Military Personnel: Military Retiree--Forgotten Firehorse. V.J. Croizat **833**, 63.
Retired Officers, Status of. J.K. Taussig, Jr. **781**, 72.
Retirees--The Forgotten Men (C&D) **844**, 94. **849**, 91. **851**, 87.
Retirement
See also: Old Navy, Page from; Personnel.
Case Against Contributory Retirement. J.J. Ford **730**, 86.

Case For Contributory Retirement. J.G. Carl **730**, 78.
Don't Retire Completely (C&D). J.S. Wall **790**, 100.
Lump Sum Retirement Payment (C&D). S. Dombroff **799**, 120. **804**, 97. **805**, 89.
Retirement: Comparison of Costs. R. Barber **417**, 1561.
Retirement, Education for. L.W. Johnson **481**, 387.
Retirement, Effect of Combat Commendation upon. H.A. Patrick **546**, 957.
Retired Officer in Education. R.F. Armknecht **638**, 401.
Retired Officers, Status of. T.L. Gatch **456**, 231.
Retirement Eligibility (NAMB) **882**, 82.
Retirement Pay: Cost of Living (C&D) **868**, 81.
Retirement, Reflections upon. P.J. Searles **526**, 1577.
Tombstone Promotions (C&D) **792**, 115. **797**, 109. **802**, 112.
Your Second Career (ProfNote). R. Lindsay **793**, 145.
Retorsion: Legal Use of Force Short of War. Bruce Harlow **765**, 88.
Re-Training Program, Navy's. D.O. Root **521**, 963.
Retreat, Definition of **405**, 1629. **406**, 1815.
Retz, W.A.: Minimal Manning Module System (Olsen) (C&D) **842**, 86.
Reuben James (U.S.): See: Deac, W.P. America's Undeclared Naval War.
Reuse, H.J.: Improved maneuvering and mooring board **196**, 1009.
Reusille, Leon: Chandler and The King of Siam (OldNav) **821**, 78.
Reuterdahl, H.: Three Artists. H.A. Baldridge **300**, 105, 121.
Reuterdahl, Henry (artist): Fleet Entering the Golden Gate in 1908--September 1965 cover.
Revenge (Eng.) **347**, 124. **350**, 614. **651**, 556.
See also: Cover Pictures--January 1957.
Tests of projectile deflection after contact with surface of water **128**, 1339.
Revenge (ship): See: Malo, H.: American Privateers.
Revenge (U.S.): Historic Ships of Navy. R.W. Neeser **420**, 202.
Revenue Cutters in Quasi-War With France. R.W. Daly **478**, 1713.
Revenue Fleet: See: Old Navy. Hamilton's Revenue Fleet.
Revenue Marine Bureau: Some Early Experiences with Iron and Steam at Sea. K. Bell **486**, 1093.
Revenue Marine, U.S.: Colonel Sharp Delany: Father of the U.S. Coast Guard (OldNav). T.R. Strobridge and B.C. Nalty **877**, 112.
Revenue Service, Establishment of U.S.: The First Federal Customs. R.P. Vance **877**, 46.
Reverse of the Medal. R. Hargreaves **632**, 1117.
Review of Books: See: Book Reviews.
Reviews, Fleet: Japanese **312**, 144.
Reviews of Books: See: Book Reviews.
Revolution, The Sailors in the. C.F. Goodrich **83**, 469.
Revolutionary War
See also: History, Names of battles.
Alliance, Frigate, Favorite Ship of American Revolution. L.H. Bolander **415**, 1249.
Cruise for Gunpowder. C.C. Hanks **433**, 324.
D'Estaing's Fleet Revealed. D.W. Knox **384**, 161.
Disaster on the Delaware. J.M. Perry **707**, 84.
From Across Sea. E.M. Eller **368**, 1457.
Navy's Forgotten Hero. H.S. Mazet **409**, 347.
Paul Jones and Arnold. W.C.I. Stiles **385**, 337. **391**, 1304. **396**, 249.
Prison Ships, New York. L.H. Roddis **385**, 331.
Sea Power in American Revolution. E.M. Eller **400**, 777.
Ships and Captains, Continental Navy **436**, 879.
Valcour Island, Battle of **393**, 1646.
Yorktown, September-October 1781 (with chart). D.W. Knox **510**, 952, 1005.
Revolutionary Warfare, the Soviet and Chinese Views. J.J. Baritz **775**, 84.
Revolver Practice
Brand, G.E.: How to shoot the service pistol. **164**, 1251.
Lee, W.A., and Denney, A.D.: Revolver Shooting (illus) **133**, 249.
Van Hook, C.E.: The Colt's automatic revolver and instruction of men in its use **146**, 677.
Revolvers: See: Guns (small arms).
Rewa (Brit. hosp. ship): Torpedoed **180**, 449.
Rewards
British Admiralty Rewards for capture or destruction of enemy vessels **174**, 1789.
Benj. Gratz offers $500 reward to American ships for sinking submarines **172**, 1339.
Rex (SS) **336**, 260. **353**, 1082. **354**, 1229. **355**, 1375, 1380. **356**, 1530.
Reynolds, C.G. **710**, 110. **716**, 110. **780**, 102. **782**, 97.
Book Review **758**, 147. **778**, 122. **810**, 109.
Book Reviews of Incredible Victory and Rendezvous at Midway (C&D) **782**, 98.
Hitler's Flattop--The End of the Beginning **767**, 40. **771**, 126. **776**, 101. **778**, 112, 113.
Review of Incredible Victory (C&D) **785**, 101.
Sara in the East **706**, 75.
The Sea in the Making of America **881**, 36. **887**, 88.
Soviet Operations in the War With Japan (C&D) **763**, 122.
Youth and the U.S. Navy **845**, 26. **849**, 87.
Reynolds, G.C. (co-author): See: J.E. Kane.
Reynolds, J.G.: The Key Man (ProfNote) **810**, 124.
Reynolds, W.F.: Miniature Fireboat Developed (ProfNote) **801**, 148.
Rheinland (Ger. battleship): Photograph **135**, 857.
Rheydt, K.: Jutland from SMS B-110: **399**, 689.
Rhine Army Conference **245**, 1229.
Rhineland, German Occupation of. D.P. Yeuell, Jr. **633**, 1205.
Rhode Island (U.S.) **495**, 623.
Rhoades, L.J.: USS John S. McCain (DL-3): **683**, 152.
Rhodes Scholar, Naval. L.S. Fiske **326**, 328.
Rhodes Scholarships **323**, 87.
Rhoads, R.L., Jr. **708**, 110, 112.
Superior Star Position, "Cartwheel" or "Square" (ProfNote) **702**, 132. **705**, 117.
Rhudy, L.H.: NC-4, History Preserved (Johnston) (C&D) **799**, 106.
Rhymes, C.D., Jr.: Balanced Sea Power and Cold War **691**, 76.
Ribbink, E.F. van Lier: Community Planning and the Naval Air Station **627**, 541. **631**, 1047.
Ribbon, Bits of. D.A. Frost **383**, 60. **387**, 708.
Rice, F.W.: Visiting Cockroach (anec) **781**, 79.
Rice, H.M.: Navy Point--World's Smallest Base **394**, 1795.
Rice, J.M.:
Note on Sladen's Gunnery **19**, 191.
Wave Motion: Resistance of Ships **18**, 447.
Rice, R.H. **594**, 912.
Rice, W.R.: Military Pulse in Soviet Politics (C&D) **780**, 108.
Richard, Pierre: Rendezvous in Kiel (C&D) **845**, 87.
Richard Carvel: Quoted **327**, 372.
Richards, D.K.: Beginning of Pearl Harbor, July, 1909, to December 7, 1941: **495**, 537.
Richards, G. **306**, 724. **341**, 990. **356**, 1477.
Don't Give Up the Ship **238**, 2189.
Flying Paymasters **318**, 685.
Monroe Doctrine **356**, 1405.
Naval and Military Decorations **339**, 575.
Richards, George **359**, 108. **361**, 411. **384**, 261. **399**, 717. **400**, 868. **412**, 873. **415**, 1315. **420**, 257. **428**, 1498. **568**, 682.
On naval discipline **147**, 1308.
Richards, Guy
and J.L. Zimmerman: America's African Beach-Head **549**, 1387.
Navy's Stake in the Future **540**, 183.
Pacific Briefing **504**, 157.
Re-estimate of Situation: Tortoise Boat of 1950: **572**, 1057.
Riddle of Combined Arms: 1949: **558**, 881.
Richards, J.W.: Electro-Metallurgy **58**, 265.
Richards, T.W.: Loss of Life by Drowning in Naval Warfare **149**, 33.
Richards, W.: The Homestead Steel Works **50**, 431.
Richardson, C.G.
Prominent Astronomical Discoveries **344**, 1359.
Teaching Landing Operations with Models **376**, 796.
Richardson, D.C. (BkRev) **798**, 120.
Richardson, G.M.: Method of Search for Akron **374**, 470.
Richardson, H.C. **287**, 123.
Richardson, J.O.: Fitness Reports of Officers **252**, 214. **257**, 1128.
Richardson, James: The semi-Diesel Oil Engine **191**, 116.
Richardson, James O.
Naval Petroleum Reserves No. 1 and No. 2.: **161**, 93.
Summer Cruise for Midshipmen of the 2nd Class **154**, 1685.
Richardson, L.E.: Striking for Wings **343**, 1242.
Richardson, Ted
Contrast in Red and Green (anec) **676**, 39.
Look Before You Leap (anec) **689**, 37.
Marine Corps Was Never Like This (anec) **776**, 65.
Word Gets Around (anec) **680**, 79.
Richardson, W.J.: Industrial Engineer Looks at Navy **570**, 891.
Richmond, H.: Sea Power and Italian Surrender **492**, 137.
Richmond (USS) **270**, 1415, **386**, 489.
See also: Farenholt, A. **128**, 1279.
Illustration **172**, 2279.
Ricketts, C.V.
Carrying Cargo in Military Sea Transportation Service **577**, 289.
Efficient Beachmaster (anec) **624**, 177.
Ricketts, Claude: Naval Power--Present and Future **719**, 33.
Rickover, Hyman G. **878**, 48, 49, 52. **882**, 70. **883**, 75. **884**, 91.
Rickover, H.G. **373**, 403.
International Law and Submarine **391**, 1213. **406**, 1767.

Rickover, H.G. (Cont.)
Nuclear Warships and the Navy's Future **863**, 18. **866**, 78.
Rickover Says Carriers Are Our Least Vulnerable Force (Nbk) **868**, 107.
Thoughts on Man's Purpose in Life... and Other Matters **862**, 67. **866**, 84.
Rider, D.L.: He Was Ready to Explode (anec) **790**, 112.
Riddle, T.P.
Enlisted Men's Families **431**, 83.
Recreational Camps for Enlisted Men **418**, 1765.
Riddle, W.K.: On Marvell's "Development of the method of finding line of position **145**, 230.
Ridgely, C.G. **304**, 486.
Trial of, for Murder **333**, 985.
Ridgely, R., Jr.: Coast Guard cutter McCulloch at Manila **315**, 417.
Ridgely Warfield (U.S.) **858**, 105.
Riding a Hobby. H. Wagner **328**, 486.
Riesenberg, F. **268**, 1016. **322**, 1100.
Boats **279**, 1003.
Merchant Seamen **351**, 663.
Naval Reserve **254**, 654.
Navy and Naval Academy **345**, 1563.
Sea as Career **279**, 1005.
Riesenberg, Felix, Jr. **636**, 218. **379**, 1300.
Rifenburgh, E.G.: Wrong Turn (anec) **670**, 95.
Riffian War **269**, 1314. **271**, 1801. **272**, 2038. **273**, 2215. **280**, 1263. **281**, 1465.
Modern Warfare vs. Riffians. N.E. Margetts **281**, 1441.
Riffolt, N.: See: Thompson, L.
Rifle Bullets
Effects of Small Calibered **84**, 748.
Calibre of the New Navy. G.A. Converse **67**, 305.
The Converted Eight Inch. Duncan Kennedy **3**, 47.
The White Straight-pull Rifle. H.K. White **66**, 185.
Rifled Naval Artillery **91**, 706.
Rifle Practice
Correct form, and position and aiming drills. D.C. McDougal **154**, 1755.
Notes on rifle shooting. E.E. Wilson **126**, 647.
Rifle shooting at Olympic games of 1912: **145**, 249.
Team rifle shooting **121**, 153.
U.S. national team match, 1916, won by U.S. Marines **166**, 1995.
Rifles
See also: Guns and Gunnery.
European Small Bore **66**, 213.
Rifle Sling, Combat. M.K. Short **572**, 1119. **578**, 427.
Rifling: Alger, P.R. **112**, 791.
Riga Peace Conference **214**, 2041.
Rigault-de-Genouilly (Fr.) **358**, 1829.
Rigging and Equipment of Vessels of War. R. Chandler **21**, 483.
Riggs, A.S. **570**, 911.
Panama Canal: Operations or Engineering? **538**, 1455. **545**, 894.
Strategy and Tactics of Sir Francis Drake **574**, 1345.
Riggs, Roland R.
On aids to contentment **126**, 693.
The question of speed in battleships **125**, 235.
Wanted! A Naval Militia Mission **162**, 417.
Riggs, W.F., Jr.
Method to Expedite Mooring to Buoy **557**, 804. **561**, 1295. **576**, 200.
Suggested Guide for Amateur Military Critics and Prophets **546**, 935.
Right of Innocent Passage, Navy Would Make Concessions for (Nbk) **793**, 155.
Right of visit and search. R. Wainwright **244**, 901.
Right-of-way at Sea. E.H.C. Leutze **49**, 277.
Rigler, F.V.
Another Hero Is Born (ProfNote) **799**, 146.
Navy Returning to Sunken Hull Believed to be USS Cyclops (Nbk) (C&D) **861**, 99.
The Navy's Continuing Commitment in Antarctica (ProfNote) **868**, 104.
Shiphandling Training Gets a New Model (Rigler) (C&D) **882**, 78.
Shiphandling Training Gets a New Model (ProfNote) **862**, 110.
Standardization in Advancement of Petty Officers **364**, 801.
The U.S. Navy: A Bicentennial Appraisal (Holloway) (C&D) **886**, 90.
Why Not Warrant Quartermaster-Signalman? **415**, 1259. **419**, 103.
Rigs for Boats and Launches, a Uniform System of. Discussion **11**, 41.
Rigsbee, J.T.
Ballast Control Panel (ProfNote) **694**, 140.
Is Experience Enough? **716**, 41.
Man-Made Air--The State of the Art **671**, 30.
Nuclear Power and Guided Missiles (ProfNote) **689**, 117.
Rigterink, R.A.: Don't Tread on Me (anec) **726**, 51.
Rikhye, Ravi: India Plans a Naval Expansion (C&D) **836**, 98.
Riley, J.F.: Philosophy of Command in the Challenge of Our Time **689**, 68.
Riley, J.F., and B.L. Delanoy: Last of the Midgets (ProfNote) **706**, 127.
Riley, Robert S.: Marine Turbines in Service **121**, 424.
Riley, W.H.: Coal Consumption of Ships of War **68**, 419.
Rilling, A.W. **785**, 102.
Question of Universal Military Training **774**, 65.
Rimson, I.J.: NavCad or College Grad? (Williams) (C&D) **837**, 95.
Ring, S.A.: Surface Line Officer: Some Conn, Some Can't (Larson) (C&D) **839**, 90.
Ring, S.C. **635**, 90.
Joe Fyffe on the James River (anec) **641**, 731.
Ringhausen, R.L.: Black Shoe in a Brown Shoe World (Nelson) (C&D) **813**, 89.
Rio de Janeiro (Braz. battleship)
Description **126**, 701. **135**, 858.
Description of machinery **145**, 402.
Illustration **146**, 837.
Plans; description **145**, 362.
Sold to Turkey **150**, 492.
Rio Grande do Sul (Braz.) **284**, 2122.
Launched; description **130**, 572.
Rio to Amazon in Do-X. W.H.P. Blandy **356**, 1432.
Rio Pact: See: Alliances: The Ties That Bind.
Riordan, R.F.: Professionalism and Writing (Brezina) (C&D) **810**, 101.
Riou, Edward: How Riou Saved HMS Guardian (OldNav). H.P. Martin **773**, 158.
Ripley, R.K. **676**, 103.
Leadership--From Coffee Cup to Battle Station **672**, 78.
Ripley, Robert: Cheese Turned the Tide (anec) **721**, 45.
Ripner, William: See: Malo, H.: American Privateers **139**, 933.
Ripple Rock, British Columbia: See: Old Navy.
Risk, Calculation of. J.C. Wylie, Jr. **605**, 725.
Ritchie, D.: Planned Maintenance--It Works (ProfNote) **751**, 144.
Ritchie, J.: Marines Make History--Again (anec) **692**, 62.
Ritchie, J.D.
Fishing for Suckers in the Bilge (anec) **721**, 71.
He Was Playing It Safe (anec) **716**, 39.
Ritson, E.L.E. **489**, 1487. **491**, 69.
Survival at Sea **608**, 1057.
Rittenhouse, D. **250**, 2086.
Rittenhouse, H.O.
Notes on Intercepting, Chasing... **35**, 723.
The Navigator's Position-Indicator **41**, 147.
Rittenhouse, Hawley O.
On training seamen **101**, 85.
Preparedness of the Future **182**, 733.
Promotion by Selection **117**, 1.
Reply to criticisms of prize essay for 1906: **118**, 661.
Ritter, J.J. (co-author)
See also: D.H. Watts.
UDT Comes of Age **744**, 52. **748**, 118.
Ritter, James: Flag Rancor (anec) **733**, 35. **736**, 115.
Rivadavia (Arg. battleship)
Description **104**, 957. **141**, 303.
Goes aground in Bahia Harbor **164**, 1267.
See also: Correction **165**, 1625.
Illustration; description **148**, 1725.
Launched; description **140**, 1414.
Sold to Japan **108**, 967.
River Gunboat Support Ship (ProfNote). W.J. Green, Jr. **776**, 135. C&D: **780**, 100, 101.
Riverine Operations: Armor Afloat in Vietnam (ProfNote). R.M. Winter **789**, 132.
Riverine Warfare: Mobile Riverine Force (Pict). Dan Dodd (photog.) **796**, 80. **801**, 115, 116. **805**, 98.
River Navigation in Bolivia (ProfNote). O.R. Castedo **832**, 119.
Rivero, Horacio: Why a U.S. Fleet in the Mediterranean? (NavRev) **891**, 66.
River Patrol Relearned (NavRev). S.A. Swarztrauber **807**, 120. **814**, 83. **820**, 94.
River Power (ProfNote). T.R.M. Emery **810**, 117.
River Plate Battle, British Strategy in. A.C. Hampshire **670**, 85.
Rivers
Rhode Navigable **222**, 1281.
Scheldt **201**, 1943.
Western Rivers. H.G. Telsey **496**, 653.
River Warfare
Naval Forces in River War. V.J. Croizat **764**, 52.
Proposed: A Counterinsurgency Task Force. A.G. Nelson and N.G. Mosher **760**, 36. **767**, 101.
Riveting **237**, 1974. **247**, 1546. **284**, 2135.
See also: Naval Architecture.
Rix, John: Zeltin--Maintenance and Repair Ship for Libya (ProfNote) **815**, 95.
Riza Khan, Persia's Dictator **276**, 384.
Rizzo **310**, 1035.
Rizzuto, T.C.: Vulcan/Phalanx: An Effective Close-in Weapon System? (C&D) **883**, 82. **888**, 78.
Rjaesan (Rus.) **800**, 122.
Roach, J.C. (artist)
Propeller Shop, Yokosuka Navy Yard--September 1969 Cover.
Victory Ship SS U.S. Explorer--March 1971 Cover.
Road to Geneva. W.C. Hogan and Phyllis Hogan **624**, 137.
Roads: Contracts awarded **346**, 1706.
Roanoke (U.S.) **568**, 679.
Did not the American Navy invent and use the first Dreadnought? W.B. Wetmore **132**, 1259.
Robards, H.E.
The Cyclops Mystery (Nervig) (C&D) **803**, 92.

Proposed: A Counterinsurgency Task Force (C&D) **767**, 101.
Robbins, A.H.
Future of the Coast Guard (C&D) **785**, 105.
High Cost of Saving Oscar **797**, 60.
Indebtedness (Smith) (C&D) **794**, 114.
New Approach to Navy Ship Procurement (Sonenshein) (C&D) **801**, 122.
Postgraduate Education and Promotion (C&D) **771**, 125.
Research Catamaran T-AGOR-16 (Froid) (C&D) **799**, 104.
Small Combatants--1973 (Baker) (C&D) **849**, 98.
Tomorrow's Warships: Their Cost and Value (Schofield) (C&D) **827**, 91.
Two Birds in the Hand (Duff) (C&D) **805**, 90.
60-Knot Landing Force (C&D) **774**, 103.
A Southwest Passage? (Gibbs) (C&D) **800**, 105.
Surface Effect Ships (C&D) **769**, 110.
Transmodalism (C&D) **785**, 100.
Welcome to the War (Heinl) (C&D) **797**, 120.
Robbins, J.A. **530**, 458.
Robbins, R.C. **414**, 1169.
Robbins, T.H., Jr. **413**, 1017. **428**, 1489. **433**, 399.
Distribution of Officers **364**, 805.
International Law Is No Dead Letter **639**, 491.
Radio Counter-Intelligence (anec) **804**, 57.
Robert, S.C. **506**, 385. Part II: **518**, 47.
Naval Academy as Housekeeper **513**, 1341. Part II: **518**, 119.
Naval Academy Chapel--Cathedral of Navy **512**, 1135. Part II: **518**, 93.
Robert E. Lee (U.S.): See: Cover Pictures--September, 1962.
Robert F. Keller (U.S.): Typhoon December 1944 (OldNav). R.J. Toner **886**, 68.
Roberts, C. (joint author): See: Henry, F.
Roberts, Carl: Numerical Proof of Nationality (anec) **646**, 1315.
Roberts, E.B.
Coast and Geodetic Survey Highlights **648**, 188.
Coast And Geodetic Survey Looks Ahead **669**, 83.
Tsunamis, Strangest Waves on the Sea **657**, 1201.
Roberts, Elliott
Day the Bay Ran Over **687**, 62.
Geomagnetism (ProfNote) **727**, 128.
Roberts, F.H.
See also: Kempff, C.S.
America's Responsibility to Armistice **369**, 1580.
Roberts, J.C., and R.H. Webber: Gunboats in the River War, 1861-1865 (Pict) **745**, 83.
Roberts, Larry: Junior Officer Retention, A Lot of Little Things (Harris) (C&D) **828**, 100.
Roberts, M.R. **617**, 810. **632**, 1157.
Duck Shooting (anec) **620**, 1141.
Roberts, Sir R.H., bart.: Death of **155**, 185.
Roberts, R.T.: First Naval Gunnery Conclave (ProfNote) **794**, 138. **800**, 115. **809**, 106.
Roberts, T.G.
Merchant Marine and the Navy **133**, 1.
On battle rehearsals **122**, 839.
On naval administration: the German organization **146**, 502. **148**, 1723.
On size of battleships for U.S. Navy **106**, 435.
On storekeeping at the navy yards **122**, 829.
On torpedo tubes in battleships **107**, 559.
On the U.S. Navy Department **114**, 479.
Truth about naval administration **114**, 315. **116**, 981.
U.S. Naval Propellers **107**, 701.
Roberts, W.D.: Permission Granted (anec) **642**, 860.
Roberts, W.H.: re Gandhi **329**, 665.
Roberts-Austin, W.C.: The Erosion of Gun Tubes **87**, 523.
Robertson, A.G.: Peruvian (Br.) treasure **504**, 209.
Robertson, C.J. **425**, 1045.
Robertson, H.A.
That Did It (anec) **835**, 53.
Translate into English, Please (anec) **746**, 122.
Robertson, H.B., Jr. (joint author): See: J.H. Doyle, Jr.
Robertson, H.T.: Motor Torpedo Boats **451**, 1289.
Robertson, J.S.: Crisis in Leadership (C&D) **748**, 119.
Robertson, O.C.S.: Sea Navigation Methods in Northern Canada (ProfNote) **642**, 893.
Robertson, W.D., Jr.: Man-Size Ricochets (anec) **545**, 821.
Robertson, W.W.: Graphical Analysis of U-Boat Activities, 1917-18: **471**, 672.
Robeson, E.J., IV: Giant Killers Provide Their Own Solutions (Leadership Forum) **897**, 66.
Robeson, George M.: Paullin, C.O.: Half Century of Naval Administration **147**, 1217.
Robida, A.: Prophet of Blitzkrieg. D. Glassman **459**, 683.
Robinett, C.M. **561**, 1295. **570**, 912. **588**, 198. **600**, 204. **604**, 683. **616**, 688. **624**, 213.
Guns, Diplomacy, and Litigation **573**, 1225.
Ship Technology and Defeat of Armada **588**, 171.
Robinette, H.M. **708**, 117.
Book Review **797**, 128.
Practical Counter-Insurgency Training (ProfNote) **737**, 130.
Robin Moor (U.S.): See: R.E. Krause. America's Undeclared Naval War.
Robins, Raymond **842**, 56-59.
Robinson, B.R.: Collection of Naval Prints **414**, 1213. **461**, 1061.
Robinson, D.G., Jr.: Merchant Marine Licenses: Tickets Worth Having (Hayler) (C&D) **830**, 98.
Robinson, D.H. **588**, 199. **632**, 1155. **672**, 125. **693**, 111.
Zeppelins in the German Navy, 1914-18: **641**, 743.
Robinson, D.M. **623**, 103, 104, 105.
Hoist Ashes or Something **617**, 747.
Robinson, E.W.: The petty officer question **148**, 1571.
Robinson, G.D. **281**, 146.
Robinson, G.E.: Ghosts: The Maimyo and the Tricouleur **664**, 85.
Robinson, J.A.: NATO, Now is the time for all good members **791**, 38. **795**, 108.
Robinson, J.H.: Recording Naval History in Vietnam (ProfNote) **799**, 144.
Robinson, J.L.
ASW--Are We Missing the Boat? (C&D) **760**, 119.
First Impression (anec) **655**, 953.
Robinson, J.T.: Petty Officer and Naval Discipline (ProfNote) **733**, 142.
Robinson, R.B.
Interplanetary Navigation **699**, 64.
Polaris Navigation and the Gyroscope (ProfNote) **754**, 148.
Protecting Himself From All Eventualities (anec) **746**, 87.
Robinson, R.H.M. **551**, 99.
Brief description of functions and operations of an experimental model basin **123**, 983.
Robinson, R.L.
Career Planning: Myth or Reality? (C&D) **745**, 100.
Shallow Draft Logistics Craft (C&D) **798**, 108.
Robinson, R.M. **317**, 657.
Robinson, S.J.: Born Soldiers--So What! (anec) **570**, 883.
Robinson, S.M. **269**, 1237.
Alternating current vs. direct current for use on board ship **138**, 379.
World History and Sea Power **580**, 601.
Robinson, T.D.
Gentlemen, the Navy **272**, 1817.
Second element in sea power **284**, 1919.
Robinson, W.L. **412**, 866.
Akagi, Famous Japanese Carrier **543**, 579. **547**, 1157.
Brazilian Navy in World War **406**, 1712.
Greek Navy Fights On **498**, 1013.
His Majesty's Submarines **473**, 970.
Naval Actions, 1939-41: **474**, 1125.
Netherlands Navy Fights On **493**, 291.
Norwegian Navy in Action **484**, 809.
Poland's Navy Fights On **478**, 1682.
Saga of Scharnhorst **499**, 1143.
Veterans of Jutland **411**, 627.
Robinson, W.R.: "An Old Sailor Tradition" **866**, 42.
Robison, J.K. **269**, 1237.
Part of Engineering in Command **240**, 203.
Wise Man Knows His Tools **272**, 1882.
Robison, S.S. **338**, 567. **356**, 1501. **357**, 1651. **361**, 414. **411**, 719. **421**, 412.
Commodore Thos. Truxtun **350**, 541.
Federal Council of Churches **321**, 1012.
Texas Navy **403**, 1305.
Robot, Sperry Gyroscopic **323**, 68.
Robot Bomber: Remotely-Manned Systems: Technology's Helping Hands (ProfNote). N. Newman **857**, 115.
Robotry: See also: Automation.
Robotry and Readiness, Of. T.W. Goad **796**, 45.
Roche, J.F.: LST Launching of Inflatable Rafts (ProfNote) **687**, 149.
Roche, J.G.: Bainbridge Is Not the Answer (C&D) **736**, 120.
Rochester, H.A. **268**, 1018. **352**, 914.
Astronomical Triangle vs. Stop Watch **366**, 1172.
Bachelor Looks at Navy Pay Bills **270**, 1455.
Navy's Support of Foreign Policy **345**, 1491.
Strategical Aspects of Radio **294**, 853.
Water Rises **408**, 215.
Using Rudder with Personnel **338**, 448.
Rochester (HMS) **334**, 1138.
Rochester (USS) **347**, 123. **436**, 806.
See also: New York.
Remember the Rochester (CA-2) (OldNav). G.F. Ogilvie **815**, 68.
Rock, G.H.
Better Ships for Less Money **291**, 599.
Chromium Steel **348**, 294.
Costs in Navy Yards **253**, 424. **258**, 1310.
Cruisers, 10,000-ton **341**, 967.
Planning and Estimating at Navy Yards **244**, 969.
Rocket Airplanes? Willie Ley **460**, 835.
Rocket Assisted Projectiles (RAP): Who Will Take the RAP? (ProfNote). T. Martin **802**, 138.
Rockets
Congreve War Rockets, 1800-1825. R.R. Hobbs **781**, 80. **785**, 104. **787**, 110.
Early Naval Use of Rocket Weapons. D.W. Knox **516**, 257.
Future of Rocket in Naval Warfare. P.W. Martin **510**, 905.
Introduction to Rockets and Jet Propulsion **524**, 1384.
Inyokern: By the Rocket's Red Glare. W.R. Hughes **561**, 1207.
Lunik III (ProfNote). C.P. Lemieux **683**, 147.
Rocket Development. R.C. Truax **739**,

Rockets (Cont.)
Rocket Development (Cont.) 82.
Rocket Firing Submarine. M.E. Holbrook **575**, 47.
17-lb. Warhead Fitted to Army Rocket (Nbk) **786**, 153.
U.S.A.F. Will Build "Crazy Kid" Rocket (Nbk) **772**, 144.
X-15 Sets Mark--Mach 6.06 (Nbk) **734**, 161.
Rockets--Research and Development: Electric Rocket Passes Flight Test (Nbk) **740**, 155.
Rock the Boat, Let's (C&D) **881**, 82.
Rocket Torpedoes: TransPlanted Torpedoman (OldNav). F.H. Winter **857**, 80.
Rockwell, F.W. **639**, 547.
Rockwell, R.F.
Eight-Inch Gun Cruiser (ProfNote) **803**, 119. **808**, 109.
New 5-Inch Gun Mount (ProfNote) **788**, 133.
Roddis, L.H.
Believe It or Not! (anec) **555**, 571.
Bureau of Medicine and Surgery: Brief History **554**, 457.
Coals of Fire in Navy (anec) **535**, 1095.
Excerpt from "The New York Prison Ships in the American Revolution," March 1935: **872**, 56-58.
Influence of Scurvy upon Maritime History **455**, 330. **448**, 917. **450**, 1167.
New York Prison Ships in American Revolution **385**, 331.
Standard Naval Program Suitable for Small Maritime Nations **499**, 1115.
They Went to Movies (anec) **525**, 1455.
United States Navy and Polar Exploration **476**, 1369. **478**, 1759.
Value and Employment of Hospital Ships **509**, 777.
Roden, Ernest K.: Method of calculating the intersection point of St. Hilaire position lines **162**, 481.
Rodgers, B.J. **656**, 1125.
Rodgers, E.A.
Manpower and the Merchant Marine (Locetta) (C&D) **816**, 87.
Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 74.
Rodgers, G.F. **681**, 111.
Supreme Confidence (anec) **736**, 39.
Rodgers, J. **298**, 1309. **302**, 287. **337**, 307.
Letters of. **329**, 589. **333**, 989.
Memorial Tablet at Naval Academy **307**, 918.
Spoils of War **284**, 2020.
Rodgers, J. Michael (BkRev) **875**, 81.
Rodgers, J.M.: Linebacker Strike (Powers) (C&D) **874**, 72.
Rodgers, J.M.: (Mayaguez incident): The Guided-Missile Destroyer's Skipper **885**, 108.
Rodgers, John **821**, 37. **824**, 36.
Rodgers, John
Naval administration under the Navy Commissioners, 1815-1842 (Ports). C.O. Paullin **122**, 597.
Services of Commodore John Rodgers in our wars with the Barbary corsairs. C.O. Paullin **128**, 1141.
Services of Commodore John Rodgers in the War of 1812: (1812-1815): **130**, 473.
Uses of Astronomy **9**, 449.
Rodgers, John (Admiral) **393**, 1624.
Life of Rear-Admiral John Rodgers. J.R. Soley **20**, 251.
Rodgers, John (Lieutenant) **428**, 1453.
Rodgers, R.H.: America's Best Weapon (C&D) **751**, 106. **756**, 110.
Rodgers, Robert S.: Closing events of the war with Tripoli, 1804-05: **127**, 889.
Rodgers, W.L. **261**, 1939. **274**, 2414. **275**, 181. **276**, 316. **287**, 42. **298**, 1345. **303**, 426. **308**, 930. **312**, 168. **326**, 360. **351**, 756. **417**, 1631.
American Naval Policy and Tri-Power Conference **305**, 572.
Military Preparedness **272**, 1845.
Navy as Aid in Carrying Out Diplomatic Policies **312**, 99.
On Limitation of Armament Agreement of Washington Conference **236**, 1822.
Notes on the Naval Brigade **44**, 57.
Organization and Drill: Necessary Changes in... Honorable Mention, 1886: **38**, 361.
The Reorganization of the Navy **72**, 747.
Rodgers, William L.
Field...to be filled by a naval war college **138**, 353.
Large vs. small submarines **167**, 148.
The Naval War College Course **144**, 1235.
On training ships **102**, 286.
Relations of the War College to the Navy Department **143**, 835.
Study of Attacks on Fortified Harbors (map) **111**, 533. **112**, 709. **113**, 97.
Rodgers, T.S.: The Navy 6-inch B.L.R. **37**, 77.
Rodgers, W.L.
Possible Peace Terms--Present War **450**, 1088.
Vikings **448**, 829.
Rodgers and Naval Administration. U.T. Bradley **337**, 307.
Rodgers' Ruse. E. Snow **302**, 287.
Rodiger, C.: Alias of H. Wessels **203**, 140.
Rodman, G.B. **510**, 956. **511**, 1088.
Rodman, H. **434**, 575.
Christmas Ship **341**, 888.
Sacred Calabash **294**, 867. **300**, 138.
Rodman, Hugh: Letter to Navy Department on Discipline Aboard USS Cleveland **142**, 746.
Rodney, Baron George B. **467**, 85.
Rodney (HMS) **265**, 483. **273**, 2180. **274**, 2317. **277**, 503. **290**, 466. **304**, 511. **316**, 543. **337**, 396. **344**, 1417. **348**, 289. **354**, 1220. **358**, 1824.
Rodrigues, M.M.S.: Extraordinary Roll **579**, 499. **581**, 763. **582**, 882. **586**, 1338. **588**, 199. **594**, 905.
Rodriquez, M. **426**, 1237.
Roe, George: Capture by Germans **186**, 1938.
Roe (USS) **258**, 1344.
Catches Fire **173**, 1623.
Roelker, C.R.
The Boiler Power of Naval Vessels **8**, 275.
Economy of Compound Direct-acting Pumping Engines **41**, 211.
Roesch, R.D.: Doctors' Bureau (anec) **674**, 79.
Rogers, C.C.
The Bombardment of Alexandria **22**, 523.
Naval Intelligence **27**, 659.
Rogers, F.F. **335**, 106.
USS Sirius - Navy Cargo Ship **313**, 219.
Rogers, G.V.: Bantam Size Compass (anec) **621**, 1239.
Rogers, H.H.: Ship Models: See: Models.
Rogers, H.W.: Monkey Fists, Fox and Geese, and the New Ensign (Schneider) (C&D) **809**, 106.
Rogers, J.N.: Modern Realities in Naval and Foreign Affairs (Bucknell) (C&D) **850**, 84.
Rogers, Lane: Smart As a Steel Trap (anec) **669**, 61.
Rogers, P.D.: "Beefing Up" the Black Gang (C&D) **834**, 93.
Rogers, R.A., III: These Boots Wear Skirts **559**, 1023.
Rogers, R.E. **234**, 1232. **245**, 1233. **256**, 1035. **257**, 1213. **290**, 456. **320**, 921.
General Mess of Destroyer **303**, 360.
Shorter and Simpler Aquino Process **299**, 22.
Rogers, R.H.: World's Experimental Ship Model Towing Basins **442**, 1708.
Rogers, R.J.: Army Aviation in Vietnam (ProfNote) **793**, 137.
Rogers, R.P.: A Framework for Naval Leadership (Svendsen) (C&D) **874**, 81.
Rogers, W. **349**, 423. **354**, 1219.
Rogers, W.A.: The Coefficient of Safety in Navigation **17**, 205. **18**, 353.
Rogers, W.C.: Spruance-class destroyers (NAMB) **895**, 94.
Rogers, W.S.: International Electrical Communications **279**, 1044.
Rogerson, W.T., Jr.: New England Fishermen--Imperiled Species **850**, 44.
Rogge, Bernhard: Leadership on Board the Raider Atlantis **720**, 40.
Rohrbough, J.D.: Why Anchor At Night? (anec) **799**, 87.
Rohrer, Karl
Compressed Gun-cotton for Military Purposes **39**, 563.
Gun-cotton, its History, Manufacture, Use **50**, 463.
Sprengle's Explosives (Tr.) **49**, 368.
The Mechanics of Explosions (Tr.) **44**, 258.
Roise, H.S. **549**, 1432.
Role of the Navy in Cold War. D.J. Carrison **676**, 57.
Roll, G.A.: Sea Power's Control Forces **620**, 1073.
Rollier, E.: Northampton--July 1960 Cover.
Rolling: See: Stability; Stabilizers.
Rolling of Ships: See: Stability.
Rollins, P.J.: Russia's Fictitious Naval Tradition **839**, 65. **844**, 93. **850**, 89.
Roll-on/Roll-off Ships
Case for Roll-on/Roll-off Ships (ProfNote). J.R. Hauser **741**, 139.
Float On, Float Off Ship (nbk) **721**, 142.
New Roll-on/Roll-off Service (ProfNote). G.D. Saunders **784**, 135.
RO/RO Jet Ship Callaghan (ProfNote). A.D. Cushman, Jr. **789**, 134.
Ships of the U.S.-Flag Intermodal Fleet (NavRev). B.M. Kopec **867**, 212.
3rd Floating Garage for Navy (Nbk) **737**, 140.
Roloff, O.S.
All at Sea (anec) **633**, 1228.
In Defense of Sailing Ships (anec) **631**, 1021.
Military Retirement Act of 1885 (OldNav) **648**, 244.
Naval Recruiting, One Hundred and Eighty Years of **646**, 1301.
Rolph, H.M. **703**, 105.
Roma: See: Airships--U.S.
Roma (It. battleship): Launched; description **122**, 867.
Romance of Sea **373**, 347.
Roman Corvus **334**, 1092.
Roman Empire: Sea Power and Roman Britain. G.W. Dyson **457**, 368.
Romandeski, A.L.: Nordic Balance in the 1970s: **846**, 32. **850**, 90.
Romania **294**, 897. **311**, 74. **330**, 772. **334**, 1158. **340**, 844. **355**, 1359.
Conquest by Chicanery: Introduction to Soviet Technique. P.B. Brannen **582**, 791.
Romanick, F.M.: Wright Way To Tow (ProfNote) **802**, 136.
Romanus, C.F.: Last Naval Battle of World War II (anec) **577**, 265.
Roman Warship: See: Cover Pictures--August, 1956.
Rome: Four Capitals in War Time. T.S. Wilkinson **155**, 72.
Rome Naval Conference **255**, 863.
Rommel, E.: With Rommel Before Normandy. F. Ruge **616**, 613.
Rommel, H.F. **527**, 78. **559**, 1065. **600**,

216. **606**, 901. **723**, 120. **729**, 99.
and E.H. Clark, Jr.: British Seventeenth Century Claims to Sovereignty of Seas **556**, 659.
Joint author: See: Mack, W.P.
Naval Postmarks--Souvenirs and Goodwill **536**, 1211. **584**, 1103.
Prestige and the Navy Family (C&D) **755**, 117.
Rommel, H.V., Jr.
Bright Invention (anec) **551**, 77.
Summer Cruise 1851 (anec) **556**, 679.
Ronarc'h, Pierre J. **648**, 212.
Rondeau, J.A.: Apartheid: Shadow Over South Africa **883**, 18. **886**, 86. **887**, 89. **888**, 74. **902**, 86.
Ronneberg, H.B.: What Kind of Ships? (anec) **578**, 377.
Rood, H.W.
Distant Rampart **769**, 30.
How the Royal Navy Met the Challenge **660**, 67. **665**, 111.
Rooks, A.H. **321**, 1009. **322**, 1097. **330**, 777. **335**, 134. **383**, 113.
Character and Success **311**, 38.
Entrance Requirements of U.S. Naval Academy **392**, 1468.
On Prevention of War **302**, 257.
Roon (Ger. cruiser): Description **107**, 747.
Roosevelt, F.D. **793**, 149.
Atlantic Conference: First Roosevelt-Churchill Meeting. R.P. Strange **602**, 389.
Disciple of Admiral Mahan. W.L. Neumann **593**, 713. **603**, 561.
Famous Old Sailor (OldNavy). K.C. Holm **793**, 149.
F.D.R. and Naval Limitation. G.V. Fagan **626**, 411.
First Encounter: Roosevelt and the Russians, 1933. R.P. Browder **651**, 523.
Naval Prints **564**, 197.
On the superbattlecruiser idea **194**, 660.
South American Visit, 1936: **411**, 685.
Summit Meeting. H. Haislip **729**, 76.
Torpedo on the Starboard Beam (OldNav). C.F. Pick **810**, 90.
Tributes **508**, 758.
Roosevelt, G.E. **409**, 401.
Roosevelt, H.L.
Permanent company organization for U.S. Marine Corps **123**, 917.
United States Navy and Its Functions (address) **404**, 1383.
Roosevelt, N.
Philippine Independence and Peace in Pacific **327**, 463.
Russia and Great Britain in China **285**, 2400.
Strategy in Singapore **312**, 155. **334**, 1151.
Roosevelt, Quentin: French name destroyer for Quentin Roosevelt **197**, 1245.
Roosevelt, T.
Maintenance of Treaty Navy **243**, 739.
Message Regarding Battle Fleet Voyage to Pacific **298**, 1255.
Quoted **323**, 80.
When T.R. Streamlined Officers. L.W. Johnson **598**, 1310. **602**, 439.
Roosevelt, T., Jr. **262**, 2097.
Roosevelt, Theodore **671**, 108.
As Assistant Secretary of Navy. In Paullin, C.O.: Half Century of Naval Administration **149**, 113.
The Naval Policy of America as Outlined in Messages of the Presidents of the United States from the Beginning to the Present Day **83**, 509.
Roosevelt, Theodore, and the Navy. A.M. Johnson **668**, 76.
The Roosevelt Memorial. B.A. Fiske **198**, 1303.
Sea Power--Teddy's "Big Stick". Guy Cane **882**, 40.
Washington's Forgotten Maxim **83**, 447.
Roosevelt Collection: See: Pictorial Section.
Root, D.O.
Navy's Re-Training Program **521**, 963.
Preliminary Appraisal of Naval Reserve Officers **477**, 1526.
Reserve Looks at Navy **495**, 533.
Root, E.: World Court Advocate **337**, 415.
Root Mission to Russia: Work of the Root Mission **174**, 1917.
Rope and Rope Making
Manila (Abaca) Fiber for World War II. K.G. Pearson and A.L. Holden **507**, 525.
Manila or Non-Manila. H.S. Lewis **603**, 505.
New Torque-Free Line Retrieves H-Bomb (ProfNote). V. Hollingsworth, Jr. **771**, 146. **774**, 108.
Strength of Wire Rope **154**, 1831.
Wire Rope **209**, 1149. **212**, 1693.
Roper, J.W.: Performance of Abu'l-Mahasin's Royal Cannon **448**, 793.
Ropes, Seven (poem). T.S. Ross **610**, 1367.
Ropp, Theodore **649**, 335. **655**, 1003. **567**, 559. **604**, 684. **660**, 109. **688**, 120. **691**, 110.
Book Review **749**, 122. **805**, 101.
Postgraduate Education and Promotion: A Significant Relationship? (C&D) **776**, 105.
Rosapepe, J.V. **714**, 113.
Roscoe, Theodore **701**, 110.
Rose, A.H.: The Loss of Leadership (Collins) (C&D) **871**, 79.
Rose, Hans: Cruise of the U-53. W. Long **764**, 86.
Rose, R.E.: Useful Gunnery Logs **383**, 61.
Rose, Restored HMS (Nbk) **857**, 119.
Rose, V.D., Jr.: It Is Better to Give than to Receive (anec) **710**, 47.
Rosel, Brigette: The Black Shoe: Back in Fashion (Shepherd) (C&D) **866**, 77.
Rosenberg, E.M. **554**, 478.
Rosenberg, Jim **715**, 105.
Rosendahl, C.E. **410**, 561. **518**, 575. **658**, 1347. **675**, 115.
Airship Personnel **314**, 305.
Loss of Akron **377**, 921.
Reflections on Airship Situation **293**, 745.
USS Los Angeles **340**, 751.
Rosenthal, Jay (co-author): See: R.C. Sherar.
Roskill, S.W. **653**, 782. **693**, 115. **700**, 95, 106. **721**, 114. **846**, 95.
Book Review **765**, 136.
Book Review on Naval Policy Between the Wars **805**, 90.
Capros Not Convoy: Counter-attack and Destroy! **644**, 1047.
Destruction of Zeppelin L.53: **690**, 71. **693**, 111.
History--Dust Heap or Cornerstone? **755**, 66.
It Makes a Difference (anec) **770**, 39.
Ruler of the Queen's Navee (Kryske) (C&D) **846**, 95.
Rosner, Charles
Flying Cloud (C&D) **775**, 111.
Tall Ships Race (C&D) **746**, 106.
Ross, Albert
Aids in the Practical Work of Navigation **18**, 461.
Deck Chart Board **27**, 759.
Ross, C.C.: Expandable Blacksmith (anec) **585**, 1173.
Ross, E.C.: Unexcitable Skipper (anec) **611**, 51.
Ross, E.S. **574**, 1375.
Ross, H.M.: Restless Mind (C&D) **741**, 108.
Ross, Irwin
"Blackbeard!" (OldNav) **860**, 71.
Mystery of the L-8 (OldNav) **805**, 84.
Ross, J.C.: Explorer That History Forgot. J.B. Penfold **502**, 1473.
Ross, J.W.: Shipping and Shipbuilding in the United States **94**, 363.
Ross, R.D. **684**, 105. **692**, 118. **697**, 122. **704**, 128.
Don't Write, Please Print (anec) **780**, 85.
Ross, R.W. **478**, 1766.
Ross, T.S.: Seven Ropes (poem) **610**, 1367.
Rossell, H.E. **336**, 279. **408**, 248. **434**, 575. **458**, 554.
College, Technical School, and Naval Academy **324**, 123.
Water-tight Subdivision of Merchant Ships. **158**, 1205.
Rossner, Charles: Bennington Disaster (Strobel) (C&D) **799**, 106.
Rosso, G.A. **705**, 122.
Ross Straight Pull Rifle **101**, 159.
Rostock (Ger. cruiser)
Description **145**, 372.
Illustration **164**, 1079.
Rosyth: British Naval Base at. **115**, 721.
Rotation of Personnel: Marine Corps Transplacement (ProfNote). C.G. Dunnagan **751**, 136.
Rotation of Shot, Registering by Photography. A. Gleaves (Tr.) **50**, 515.
R.O.T.C.: See also: Naval Reserve.
R.O.T.C. Challenged on Campuses (Nbk) **794**, 158.
ROTC Enrollment Is Dropping (Nbk) **803**, 134.
Roth, A., Jr. **682**, 107.
Six-Star Admirals (anec) **564**, 207.
Roth, E.B.: Atomic Power--Where Will It Pay First? **608**, 1091.
Roth, F.H.: Naval Aircraft in the Next Decade (De La Mater) (C&D) **864**, 78.
Roth, Paul **688**, 123.
Rothera, L.
Advantages of Diesel Electric Drive **260**, 1734.
Electricity as Motive Power for Ships **256**, 1004.
Rotor Ships
Flettner **264**, 321. **266**, 663. **267**, 829. **269**, 1265.
Magnus Effect **264**, 321.
Wing Rotor **263**, 133. **271**, 1775. **274**, 2390.
Rotor Vessels: Ship That Sailed Without Sails (C&D). John Bunker **806**, 97.
Rotterdam: Great Port of the World (Pict) **806**, 76.
Rotterdam, Resurgent. G.M.W. Acda **806**, 70.
Rougeron, C.
Aerial Bombardment of Fleet Bases **368**, 1413. **371**, 100.
Anti-aircraft Defense **341**, 972.
Protection Against Bombs and High Angle Shell Fire **348**, 229.
Some Lessons of War in Korea **604**, 635.
Speed of Cruisers **344**, 1331, 1557.
Roullet, P.: Spontaneous Praise (anec) **806**, 45.
Roumania--Navy
Program 1914: **149**, 234. **150**, 552.
Roumania's Navy in 1916: **166**, 1978.
Vessels Building, 1914: **152**, 1207.
Rounds, C.S.: Teaching Old Dog New Tricks **450**, 1153.
Roupe, R.H.: Halsey's Famous Signals **582**, 828.
Rouse, Parke, Jr.: Low Tide at Hampton Roads **797**, 79. **802**, 113.
Rousseau, H.H.
Notes on Navy Yard Development **101**, 55.
Terminal Facilities of the Panama Canal (illus. plans) **166**, 1825.
Routine on Board ship
Hellweg, J.F.: System **194**, 559.
Jones, N.L.: On "Greatest need of the Atlantic Fleet." **145**, 39.

Routine on Board Ship (Cont.)
Yarnell, H.E.: Greatest need of the Atlantic Fleet **145**, 1.
British Daily Routine (1913): **150**, 527.
The routine aboard HMS Queen Mary **151**, 840.
Roux, A. and Sons, Ship portraits by. L.J. Gulliver **324**, 121.
Roux Ship Pictures **431**, 146.
Rover (HMS) **329**, 646. **334**, 1138. **337**, 398. **347**, 125. **350**, 614.
Rowan, J.J.
Annapolis, USS (AGMR-1) (NewNav) **747**, 172.
AUTOVON/AUTODIN (ProfNote) **766**, 153.
Rowan, S.C.
First to Raise Flag, San Diego **371**, 122.
Letter Regarding Bodies of Crew of USS Oneida **156**, 517.
Prelude to Tsushima (anec) **532**, 669.
Recollections of the Mexican War. G.W. Tyler, Ed. **46**, 530.
Rowanmore (SS): Shelled by Submarine **166**, 2080.
Rowbotham, W.B.: Robert Fulton's Turtle Boat **406**, 1746.
Rowcliff, G.J. **300**, 161. **329**, 671. **359**, 105. **363**, 733.
Guam **509**, 781.
Naval Communication System **404**, 1460.
Petty Officers **355**, 1253.
Recruit Training **341**, 915.
Some Aspects of Personnel Problem in Our Merchant Marine **422**, 507.
Rowe, E.B., Jr. **579**, 537.
Rowe, L.L.: USS Gannet Visits Attu, Aleutian Islands, May 28, 1932: **424**, 831.
Rowe, R.A. **620**, 1164.
Need for Strategic Intelligence on Economic War Potential **545**, 803.
Rowell, R.E.: Air Service in Minor Warfare **320**, 871.
Rowley, A.E.: Listening Long Glass (anec) **647**, 39.
Roxburgh (HMS)
Torpedoed **158**, 1366.
Trials **115**, 715.
Roy, J.C.: Naval Aviators: White Sheep or Black Sheep? (Shown) (C&D) **834**, 97. **840**, 89.
Royal, W.F. **452**, 1478.
Royal Aero Club **282**, 1611.
Royal Air Force
R.A.F., The Impossible Dream. N.W. Emmott **802**, 26. **809**, 107. **813**, 87. **814**, 88.
R.A.F. Redundant Air Force. G.W.R. Nicholl **846**, 56. C&D: **851**, 76, 79.
Royal Air Force Plans For Airborne Early Warning Role (Nbk) **806**, 127.
Royal Canadian Navy. C.H. Little **687**, 73.
Royal Edward (Brit. transport): Loss of the. **159**, 1753.
Royal Fleet Auxiliary: Behind the Men-of-War (Nbk) **835**, 119.
Royal George (Br.): Loss: One Hundred Brass Guns. L.J. Gulliver **431**, 74. **433**, 403.
Royal Hellenic Navy. G. Drossinos **817**, 32.
Royalist (HMS) **334**, 1137.
Royal Maritime Auxiliary Service Formed in Royal Navy (Nbk) **814**, 106.
Royal Naval Air Service: "The Seat of Your Pants Told You" **784**, 82. **790**, 109.
Royal Navy
Abolition of the Rum Ration (OldNav). L. Phillips **809**, 86.
Americans in Royal Navy: The First Three (OldNav). E.T. Berryman **892**, 62.
[Hannah Snell] The Masquerading Marine. R.J. Walker **426**, 1148.
How [it] Met the Challenge. H.W. Rood **669**, 67.
Increased Use of Royal Navy in Far East (Nbk) **814**, 107.
Officers of Royal Navy. J. Stewart **673**, 48.
The Royal Navy. James Morris **829**, 62. **832**, 107.
Royal Navy in America: The Fleet That Failed. D. Syrett **872**, 66.
Royal Navy's Big Ships Return to Active Service (Nbk) **809**, 128.
Splitting the List in Royal Navy (ProfNote). P.W. Gretton **631**, 1061.
Royal Oak (Eng.) **354**, 1220.
Affair **304**, 496, 530.
Royal Observer Corps: My Eagle-Eyed, Stout-Hearted Crocks. W.G. Moore **804**, 58.
Royal Savage (Br.): Wreck of the Royal Savage Recovered. R.G. Skerrett **393**, 1646.
Royal Sovereign (Eng.) **339**, 633. **350**, 614. **354**, 1220. **357**, 1675.
Royalties on Oil Lands **207**, 776.
Royal United Service Institution **341**, 997.
Royce, D.: Bore Sighting Submarine Torpedo Tubes **208**, 873. See also: Davison, R.
Royce, Donald **563**, 87. **584**, 1105. **610**, 1363. **623**, 103.
Roze, U.R.
Hurry Up and Get It Over With (anec) **728**, 75.
Save Some for the Next Watch (anec) **708**, 57.
Stick Shift or Automatic Transmission? (anec) **715**, 47.
Too Many (anec) **699**, 134.
Up in the Clouds (anec) **716**, 89.
What's That You Say? (anec) **726**, 67.
Rozhdestvenski, S.P. **424**, 874.
See also: Rojestvenski.
Rozhdestvenski, Zinovi
North Sea Incident of 1904. J.P. Campbell **853**, 64.
Twenty Thousand Leagues Over the Seas. C. Moran **627**, 555.
Rozier, C.P.: Iron Brains and Iron Ships **673**, 56.
Rubber **253**, 448. **286**, 2632.
Rubel, D.M. and Paul Skarlatos: U.S. Naval Academy Foreign Affairs Conference (ProfNote) **724**, 144.
Rubin, Norman: Who Built the Marco Polo? (OldNav) **783**, 138.
Rubin, N.N.
Joint author: See: R.H. Rankin.
"...Long Has It Waved on High" (Norris and Strobridge) (C&D) **866**, 83.
Civilianism, Civilianization, and the Military Services (Sandsberry) (C&D) **846**, 95.
Rubinstein, A.Z.
Afghanistan and the Great Powers **647**, 62.
Joint author: See: Codding, G.A., Jr.
USSR and IMCO: Preliminary Observations **680**, 75.
Rubio, O. **323**, 80. **325**, 256. **326**, 358.
Rubis (FN) **346**, 1717.
Launched; description **123**, 1292.
Rucker, C.G. **389**, 1005. **397**, 409. **410**, 563. **411**, 712. **424**, 895, 898. **442**, 1783. **567**, 561. **665**, 110. **675**, 100. **680**, 113.
All in Lifetime (anec) **560**, 1131.
Constant Bearing (anec) **544**, 681.
Criticism, Tool or Tyrant? (Coday) (C&D) **798**, 109.
Deaf Bos'n and Tar (anec) **543**, 617.
Excess Weight in Submarines **406**, 1755.
Expand Discussion Column **400**, 847.
Fenian Ram **390**, 1136.
Fifth Man **755**, 86.
Flag Rancor (C&D) **736**, 115.
How One Transmits Order in Navy (anec) **580**, 608.
Last of U-Boat Raiders **441**, 1567.
Leadership Can't Be Taught **415**, 1235. **423**, 737.
Loss of Ticonderoga **432**, 185. **434**, 578. **437**, 1033.
Newly Appointed Navigator (anec) **547**, 1133.
Our Navy's Image (C&D) **763**, 126.
Perfect Crystal Ball (anec) **546**, 949.
Rucker, Colby: Uses of Profanity (anec) **744**, 33.
Rucker, J.E.: Four-Year Rule for Fleet Athletics **370**, 1759.
Rudder, Jury, Rigging of **414**, 1198.
Rudder with personnel, using. H.A. Rochester **338**, 448.
Rudders
Admiralty Test **320**, 900.
Contra-propeller **278**, 766.
Double Rudders for U.S. Torpedo Boats **106**, 493.
Emergency Rudders to Avoid Collision **150**, 575.
Flettner **238**, 2178. **247**, 1533. **298**, 1322.
Kitchen **226**, 1979.
Novel Reversing and Control Rudder (illus) **187**, 2175.
Relation to ship **286**, 2576.
Returning Pintle **229**, 495.
Something New in Rudders. W.S. Ginn **328**, 503.
Unbalanced **233**, 1231. **255**, 836.
Unique jury rudder of the SS Nigeria **116**, 1031.
Ruddock, T.D. **681**, 102.
See also: Turner, R.K.
Rude, G.T. **308**, 933. **345**, 1590. **521**, 969. **644**, 1110. **565**, 1118. **663**, 118. **667**, 104. **676**, 107.
Determining Compass Error **282**, 1492.
Distance Graph for Light on Horizon **294**, 860.
Earth's Rotational Force and Navigation **359**, 66.
International Hydrographic Bureau **490**, 1541.
Mapping Ocean Floor **374**, 509.
New Method for Current Observation **481**, 369.
North Atlantic Lane Routes **656**, 1065.
Reminiscences of Chechako **446**, 551.
"Star Light--Star Bright" (anec) **566**, 393.
Stereographic Projection for Star Identification **227**, 69.
Survey of Atlantis **450**, 1105.
System for Rating Officers **463**, 1263. **474**, 1155.
Rude (U.S.): Operations of the Rude and the Heck (ProfNote). R. Wilcove **816**, 95.
Rudy, J.F. **565**, 327.
American Merchant Marine in World War II (Pict) **562**, 1403.
Ruebens, M.J.: Search Planning (ProfNote) **700**, 128.
Rueckert, Nils
Changes in Status of Ships and Shore Establishments (Nbk) (C&D) **864**, 84.
Good-bye, Columbus (ProfNote) **870**, 105.
Ruehrmund, P.L.: Model Aircraft (anec) **627**, 533.
Ruge, Friedrich **620**, 1157. **672**, 112. **692**, 113. **700**, 104. **707**, 116. **711**, 119. **716**, 112. **724**, 122. **728**, 122. **869**, 88. **878**, 90.
Beachhead 1715: **766**, 50.
Book Review **869**, 88. **875**, 84.
Do Small Navies Still Make Sense? **679**, 46.
Dreadnought (C&D) **760**, 123. **764**, 130.
German Minesweepers in World War II: **595**, 955.
German Naval Strategy Across Two Wars

624, 153. **627**, 590.
He Wanted to Know What to Expect (anec) **777**, 55.
Missions and Concept of the Federal German Navy (Reichert & Braun) (C&D) **878**, 90.
MLF: A German Point of View **763**, 42.
Postwar German Navy and Its Mission **656**, 1035.
Reconstruction of the German Navy--1956-61: **713**, 52.
Russian Mines on the Danube (C&D) **770**, 117.
Scapa Flow **682**, 76.
With Rommel Before Normandy **616**, 613.
Rügen, Germany: Beachhead 1715. F. Ruge **766**, 50.
Ruggero VII (It.) **355**, 1374.
Ruggles, K.W. **684**, 104. **690**, 113. **612**, 215.
Ph.D. in Uniform (C&D) **774**, 106.
Ruhe, W.J. **616**, 687. **629**, 825. **636**, 205. **641**, 765. **680**, 99. **706**, 102, 108. **717**, 119.
Blow All Ballast (anec) **623**, 67.
Cruise Missile: The Ship Killer **880**, 45. **884**, 94. **885**, 83.
Destroyer Seakeeping: Ours and Theirs (Kehoe) (C&D) **856**, 99.
The Development of the Art of Naval Warfare (Gorshkov) (C&D) **876**, 78.
Future for the Destroyer? **822**, 33.
Gamesman's Game **649**, 292.
He Made History (anec) **753**, 81.
It's How You Say It! (anec) **647**, 77.
Nixon Doctrine and Naval Force (C&D) **847**, 100.
The Nuclear Submarine: Riding High **864**, 55. **869**, 82.
Sea Control Ship (Cox) (C&D) **839**, 96.
Seapower in the Seventies **806**, 26.
Ship Camouflage (WWII): Deceptive Art (Sumrall) (C&D) **846**, 92.
Silent Service (anec) **632**, 1127.
They're a Cool Lot (anec) **626**, 389.
This Is Important (anec) **648**, 163.
Treatment Successful--But the Patient Died (anec) **692**, 41.
Ruhe, William: Like Trained Seals on Display (anec) **697**, 75.
Ruhm, Thomas F.
On the money for the navy **126**, 695.
Repairs to SS Shawmut without dry-dock **114**, 455.
Ruhr District: See: Germany.
Rule, J.M., III (BkRev) **748**, 129.
Rules, Let's Change the. J.E. Wesler **676**, 35. **679**, 104.
Rules of Road
See also: Accidents--Vessels; Seamanship.
Burden of Being Privileged. R.A. Cahill **743**, 37. **746**, 102, 104. **750**, 118, 119.
Capsule Rules of the Nautical Road, Revised (ProfNote) **761**, 152.
Capsule Rules of the Nautical Road (Tabulation). E.J. Newbould **739**, 138.
Collision--or Near Miss? (ProfNote). J.A. Hack **692**, 133. **696**, 109.
Defensive Seamanship. M.R. Byington, Jr. **868**, 24. **872**, 87, 88. **875**, 76.
Effective Rules of the Road. W.R. St. George **679**, 72.
Gargantuan Tankers, Privileged or Burdened? E.F. Oliver **811**, 39. **817**, 90.
Japanese Maritime Traffic Safety Law (ProfNote). G.D. Saunders **852**, 105.
Left-Handed Shiphandling. D.F. Miley **721**, 36.
Lights Carried at Sea, Letter Concerning. E.H.C. Leutze **51**, 588.
Long Look at the Rules. E.F. Oliver **750**, 40. **755**, 113.
Nautical Rules of the Road, Revised (ProfNote). D.G. Smith **761**, 151.
New Rules of the Road. A.T. Church, Jr. **853**, 43. **860**, 84.
1972: Dot-dot-dash. Running into Danger (ProfNote). R.W. Cannan and M.A. Libbey, III: **892**, 109. **893**, 85.
Proposed Changes to Rules of the Road (ProfNote). E.G. Magennis **696**, 129. **701**, 102, 103.
Radar Collisions and the Courts. J.K. Ford **854**, 77.
Radar--Milestone or Millstone? D.F. Miley **709**, 45. **720**, 116. **733**, 115.
Rule 27 (ProfNote). P. Masterton **736**, 140.
Rules of the Nautical Road for Officers of the Deck (ProfNote). E.J. Newbould **739**, 136.
Ships that Pass in the Night. E.F. Oliver **681**, 70.
Twenty-Five Hundred Years of Rules of the Road. E.F. Oliver **633**, 1241.
When Am I Committed to Collision? J.M. Myers **838**, 41. **844**, 96. **846**, 88, 89.
When Meeting a Merchant Vessel (ProfNote). R.E. Pollack **741**, 137.
Who Is In Command? D.F. Miley **692**, 43. **699**, 127, 129.
Rumania: See: Romania.
Rumens, T.R.: Modern Destroyer Bridge Design (C&D) **787**, 105.
Rum Ration, Abolition of (OldNav). L. Phillips **809**, 86.
Rumrunning: Toast to the "Rum Fleet." H.R. Kaplan **783**, 84.
Rumsfeld, D.H.: Which Five-Year Shipbuilding Program? **888**, 18. **892**, 84. **894**, 69.
Rung Sat Special Zone, Vietnam's Mekong Delta (ProfNote). A.C. Smith, Jr. **782**, 116.
Runkel, Melvin: Net Tenders--July 1962 Cover.
Running Surveys, A New Method of Making. J.H. Fillmore **33**, 269.
Rupert (HMS) **334**, 1137.
Ruppel, Thomas: What! Not the Proceedings--? (anec) **736**, 47.
Rurik (Rus.) **451**, 1325.
1st: Sinking of. **112**, 882.
2nd
Description **120**, 1604. **128**, 1334.
Illustration **128**, 1099.
Launched; description **122**, 870.
Strikes Mine **171**, 1076.
Rush, B.F. **717**, 119.
Rush, C.W., Jr.: Deep Battleground **661**, 73.
Rush, W.R.
On absence over leave **140**, 1403.
On elements of fleet tactics **118**, 678.
On "hints on naval tactics." **126**, 685.
Study of battle tactics of the squadron **119**, 1097.
Ruska, W.E.W.: The Shipboard Engineering Crisis (ProfNote) **875**, 101.
Russell, A.G.: That's Carrying Things Too Far (anec) **778**, 65.
Russell, C.F.
Co-ordinators--Who, What, Why? **250**, 2035.
Dugan **254**, 603.
Improving Navy Morale **216**, 169.
Russell, E.W. **689**, 94.
Russell, G.L. **653**, 785.
Russell, Gary: The Coast Guard's Personality: A Product of Changing Roles and Missions **877**, 38. **883**, 77.
Russell, H.
Air Administration **275**, 138.
America and Capital Ship **277**, 559.
American Building Program **258**, 1319.
America's Naval Policy **269**, 1267.
Amphibian Operations **274**, 2403.
Australia's Apprehensions **272**, 2021.
Battleships Nelson and Rodney **274**, 2357.
Cruisers **273**, 2180. **346**, 1708.
Destroyers **278**, 770. **344**, 1411.
Disarmament **276**, 365, 362. **280**, 1253.
Economic War **346**, 1709.
Economy and Naval Distribution **277**, 511.
English and Japanese Friendship **347**, 117.
English Policy Criticized **344**, 1412.
Flying Ships **273**, 2200.
Freedom of Seas **335**, 125.
French Naval Policy **269**, 1262.
German Battle Fleet Tactics **278**, 747.
German Maneuver at Jutland **349**, 428.
German Navy in 1924: **261**, 1880.
Gun Power **258**, 1375. **310**, 1104.
Guns **303**, 419.
Japanese Sea Power **260**, 1721.
Japan's Naval Policy **265**, 472.
Jutland and Modern Tactics **261**, 1930.
Limitations of Modern Sea War **270**, 1546.
Naval Bases **276**, 367.
Navy of Peace **279**, 1017.
Pacific Zone: British View of U.S. Naval Policy **270**, 1480.
Peace Without Security **267**, 814.
Prevision in Strategy **264**, 340.
Sea Warfare **279**, 1017.
Security of Armaments **327**, 458.
Sense of Unreality **275**, 170.
Shadow of Rising Sun **270**, 1514.
Ship of Heresy **280**, 1255.
Size Factor in Battleships **344**, 1411.
Smaller Fighting Ships--reaction from colossal displacements **274**, 2349.
Smaller Spear-heads **317**, 642.
Submarine Warfare **312**, 159.
Submarine and Commerce **349**, 428.
Torpedo Warfare **336**, 268.
Trade Defense **280**, 1250.
Trade Routes and Convoys **275**, 173.
United States Sea Power **266**, 624.
Value of Hongkong **269**, 1251.
Value of Speed **318**, 730.
Washington Experiment **266**, 675.
Wealth Distribution **345**, 1570.
Will Capital Ship Pass? **270**, 1548.
Russell, Hubert E.: Navy Shipbulding: Building Ships or Bureaucracies? (Chrillo) (C&D) **875**, 68.
Russell, J.B.: The E-2C Hawkeye: A Most Versatile Bird (ProfNote) **892**, 104.
Russell, J.H.
Birth of FMF **515**, 49.
Fleet Marine Force **404**, 1408.
Fragment of Naval War College History **354**, 1164.
Russell, J.S.: Safety in Aircraft Carrier Operations (ProfNote) **788**, 131.
Russell, P.C.
The Navy and Patent Policy (ProfNote) **847**, 115.
Old Navy Foe Takes a Beating (ProfNote) **798**, 146.
Public Affairs in the Instant World (Eastman) (C&D) **798**, 106.
"Ration Dense" Feeding (ProfNote) **722**, 154.
Weatherman's New Tools Used By Navy Missile Range (ProfNote) **790**, 136.
Russell, R.W.
For the Reserves: A Workable System (C&D) **813**, 86.
Two-Two-Twelve-Three: Brand-new Ball Game (Bajak) (C&D) **821**, 97.
Russell, W.F.: If You Want to Roughhouse, Go Out in the Barn! (anec) **764**, 51.
Russell, W.H. **519**, 715. **560**, 1183. **588**, 197. **622**, 1400. **719**, 136.
Cruise of the Neversink (Thomas) (C&D) **806**, 97.
Let Pass Safely the Awa Maru (Speer) (C&D) **861**, 94.
100th Anniversary of the Proceedings (C&D) **854**, 101.

Russell, W.H. (Cont.)
Principles of War: A Thesis for Change (C&D) **781**, 109.
Seventy-Five Years of Progressive Naval Thinking **548**, 1251.
Russell, W.J.: Aid to O.O.D. **360**, 191.
Russell (HMS): Loss of the battleship Russell **163**, 1044.
Russia
Aeronautics **345**, 1564, 1571. **346**, 1715, 1724. **347**, 122. **350**, 628. **356**, 1538.
Army Aeronautics: Russian Army in 1914: **152**, 1208.
Expenditure for Aeronautics, 1910-11: **138**, 667.
Naval Academy: Description **112**, 897.
Russian Air Fleet in 1913: **149**, 266. 1914: **151**, 860.
Russian Aviation (1912): **144**, 1662.
Air Force
How Good Is the MiG-21? (ProfNote). M. Lambert **875**, 98.
Soviet Naval Aviation. E.L. Barker **695**, 51.
Soviet UAR Aircraft Eye Sixth Fleet (Nbk) **790**, 157.
U.S.S.R. Operates Large Air Force **802**, 160.
Airports in Moscow to be Extended (Nbk) **719**, 160.
Amphibious capability: Soviet Beachhead in the Third World. J.T. Howe **788**, 60.
Arctic Ocean: Russia Fights Another Cold War. R.L. Simons **619**, 959. **622**, 1393.
Armament Figures **347**, 123. **350**, 620.
Arms for the Love of Allah. W. Joshua **805**, 30.
Army **345**, 1751. **346**, 1714, 1721, 1747. **347**, 122. **349**, 432, 436. **351**, 776.
Atomic Story, Moscow Version (ProfNote). C.P. Lemieux **708**, 148.
Aviation: Soviet Assault on Aviation Records (ProfNote). C.P. Lemieux **684**, 146.
Baltic Fleet Increase, 1908: **126**, 724.
Baltic Sea Campaign, 1918-20. D.D. Mercer **715**, 64.
Basis of Sino-Soviet Accord. J.D. Hittle **602**, 373.
The Bear and the Dragon. J.B. Wolf **801**, 84.
Bear That Swims Like a Fish. K. Tolley **820**, 41. **830**, 98.
Britain's Secret Weapon Against Bolsheviks. G.W. Patteron, III: **575**, 39.
Caspian Sea: Russia's Disappearing Sea. J. Bernstein **621**, 1240.
China **334**, 1158. **337**, 418. **354**, 1228.
Coastal Shipping **831**, 172.
Closed Ice Box of East Siberia. H.W. Edwards **701**, 54. **705**, 110, 111.
Cold War and Cultural Exchange. W.H. Standley and A.A. Ageton **718**, 79.
Coming Cold War on the Sea Lanes. D. Wettern **714**, 64.
Commerce and Industry **277**, 551. **278**, 784. **283**, 1840. **307**, 808. **328**, 566. **330**, 771. **334**, 1158.
Communist in the Cosmos (ProfNote). C.P. Lemieux **705**, 135.
Conquest by Chicanery: Introduction to Soviet Technique. P.B. Brannen **582**, 791.
Countering the Soviet Threat in the Mediterranean. S. Turner and G. Thibault **893**, 25.
Crimea Evacuation: In the Wake of War. M.F. Talbot **360**, 178.
Crosley, W.S. **350**, 569.
Czar's Communism. C.P. von Wrangell **578**, 393.
Decorated Non-Combatants. S.H. Kinney **614**, 413.
Diplomatic Struggle which Preceded War between Russia and Japan, 1904-05. D. Nikitin **477**, 1591.
Domestic Affairs **226**, 1989. **248**, 1762. **254**, 678. **298**, 1341. **304**, 518. **327**, 463, 465. **330**, 773. **331**, 874. **334**, 1158. **335**, 132. **336**, 275. **345**, 1571, 1577.
England **328**, 565. **352**, 905. **358**, 1812.
European Russia's Inland Waterways--Past, Present, and Future. S.T. Possony **534**, 937.
Europe Since Armistice. J.M. Creighton **221**, 1047.
First Encounter: Roosevelt and the Russians, 1933. R.P. Browder **651**, 523.
The Fishing Fleet and Soviet Strategy. R.T. Ackley **869**, 30.
Fishing Fleet of the Soviet Union. B.M. Kassell **705**, 70. **709**, 102. **712**, 113. **716**, 112.
Foreign Affairs **201**, 1945. **225**, 1852. **243**, 887. **252**, 327. **258**, 1391. **263**, 160, 162. **298**, 1341. **326**, 357. **338**, 557. **341**, 986. **345**, 1572. **356**, 1510.
Foreign Policy: Soviet Submarine Visits Cuba. C.M. Blechman and S.E. Levinson **871**, 30.
Foreign Relations: Sea Power and Soviet Foreign Policy. D.R. Cox **796**, 32. **803**, 96.
Fox's Mission to Russia. L.J. Gulliver **477**, 1519.
France **342**, 1130. **344**, 1413, 1429. **357**, 1661.
Historical Examination of Soviet Foreign Policy. L.B. Blair **559**, 973.
How Far Can Bear Walk? M.L. Deyo **585**, 1203.
The Icy "Nyet!" R.D. Wells **782**, 73.
Imperial Navy
Admiral Makarov: Attack! Attack! Attack! D.W. Mitchell **749**, 57. **754**, 118. **762**, 121. **768**, 119, 120. **771**, 125.
Russian Mines on the Danube. A.P. Brainard **749**, 51. **754**, 118. **765**, 129. **770**, 117.
Inland Waterways **831**, 170.
Intervention in Russia (1918-1919). S. Shapiro **842**, 52. **846**, 97.
Ivan Goes to Moscow **724**, 120.
Japan
See also: Japan.
Japanese Relations, Early Russo-. H.H. Smith-Hutton **433**, 328.
Japan's Collapse as World Power, Significance to Russia. H.H. Goodwin **538**, 1425.
Lend-Lease Fleet. B.M. Kassell **591**, 537.
Loading Operations in Russia **84**, 751.
Lonely Hearts Irk Soviet Army (Nbk) **752**, 160.
Lunik III (ProfNote). C.P. Lemieux **683**, 147.
Malenkov: Dilemma of Georgi Maximilianovich Malenkov. W.H. Standley and A.A. Ageton **607**, 947.
Manchuria: See: Manchuria.
Merchant Marine
Soviet Maritime Threat. V.R. Carlson **771**, 38. **774**, 108. **776**, 110.
The Soviet Merchant Fleet. R.T. Ackley **876**, 27.
Soviet Merchant Marine. A.C. Sutton **803**, 34.
Western Origins of Soviet Marine Diesel Engines (ProfNote). A.C. Sutton **803**, 124.
Military as an Element of Soviet State Power. W.R. Kintner **629**, 771.
Military Pulse in Soviet Politics. P.R. Schratz **776**, 76. C&D: **780**, 108.
Morison in Marxist Eyes **700**, 96.
Navy **225**, 1846. **232**, 895, 1057. **235**, 1581. **237**, 1988. **249**, 1938. **263**, 119. **297**, 1233. **326**, 285. **341**, 974. **346**, 1721. **348**, 288, 291. **356**, 1538. **358**, 1836.
NATO Maneuvers as Seen by the Communists (ProfNote). C.P. Lemieux **696**, 144.
Navigation Season on the Lower Yenisei (ProfNote). C.P. Lemieux **706**, 129.
Navy Yards, Stations, and Bases
The Baltic Naval Base (1911): **139**, 1069.
Galernaia Island Navy Yard, Fire at. **101**, 125.
Russian Yards' Unusual Record (1913): **149**, 237.
New Soviet Military Strategy. (ProfNote). R.N. Ginsburgh **731**, 122.
"No Contest" on the Fishing Grounds. A.L. Lonsdale **785**, 62. **789**, 115.
Northeastern Siberia: The Back Door to Russia. W.V. Kennedy **666**, 67.
On Hugging a Bear, Take Care. S.A. Swarztrauber **857**, 18.
Our Russian War of 1918-1919. K. Tolley **792**, 58. **796**, 112. **799**, 108, 110.
Permanent Crisis of Soviet Communism. E.F. Luckenbach, Jr., and A. Grossman **635**, 33.
Personnel: Officers of Russian Navy, 1903: **107**, 758.
Petrograd **226**, 1981. **229**, 505.
Petroleum Industry: Dilemma in Oil. A.B. Zerfoss **732**, 54.
Poland **356**, 1510.
Case Study of Poland: Soviet Faith. W.C. Hogan and P.J. Hogan **618**, 869.
Pravda Comments on Space Flights (ProfNote). C.P. Lemieux **702**, 139.
Preparedness Stressed **353**, 1080.
Press, Military, and Soviet "Moral-Political Unity." C.P. Lemieux **575**, 29.
Profile of Soviet Military/Naval Schools (ProfNote). J.A. Fahey **798**, 134. **806**, 102. **812**, 85.
Program
1902: **101**, 123. **102**, 368.
1903: **105**, 275. **107**, 758. **108**, 984.
1904: **110**, 451. **111**, 652.
1905: **113**, 232. **115**, 728.
1908: **126**, 723.
1909: **131**, 976.
1910: **133**, 280. **134**, 618. **136**, 1174.
1911: **138**, 648. **139**, 1069. **140**, 1441.
1912: **137**, 335. **140**, 1145.
1913: **145**, 388, 389. **148**, 1758.
1914: **150**, 479.
Pyramid of Power. A. Talerico, Jr. **543**, 603.
Railroads **831**, 161.
Rating the Russians as Fighters. R.E. Krause **694**, 49. **704**, 116.
Recruiting Methods of the Russian Navy (1913): **149**, 236.
Revolution
Allies Pledge Support to Kolchak **197**, 1277.
Coalition Cabinet, October 1917: **177**, 2773.
Coalition Cabinet Formed, May 1917: **172**, 1350.
400 Russian Naval Officers Slain During Revolution **172**, 1330.
Kerensky's Cabinet (1917): **175**, 2172.
Kerensky Overthrown **178**, 3071.
Kronstadt Rebellion, May, 1917, against Provisional Government **173**, 1642.
Official Statement of Dethronement of the Czar, March, 1917: **170**, 879.
Russian Unrest **177**, 2630.
Teutonic Captives Foment Siberian Revolt **184**, 1302.

U.S. recognizes the new Russian Government, March 22, 1917: **171**, 1094.
Revolutionary Warfare, the Soviet and Chinese Views. J.J. Baritz **775**, 84.
Roots of Russia. L.E. Dobriansky **722**, 40. **740**, 99.
Russia and Red China--Mutual Nemeses. A. St. John **702**, 48.
Russia Cuts Rates on Shipping (Nbk) **791**, 149.
Russia Moves East. H.M. Kieffer **328**, 496.
Russian Black Sea Fleet, 1912: **142**, 774. 1915: **156**, 663.
Russian Fleet in Eastern Waters, 1903: **105**, 277. **108**, 991.
Russian Fleet in 1917: **170**, 781.
Russian Ships for India: India's Russian Navy. R. Kaul **810**, 38.
Russian Volunteer Fleet, 1904: **111**, 653.
Russia's Ancient Ally: the Sea. R.W. Daly **834**, 60.
Russia Seeks Bases for Indian Ocean Fleet (Nbk) **809**, 129.
Russia's Expanding Sea Fisheries (ProfNote). Arne Grønningsaeter **628**, 711.
Scientific Expeditions Continue Operations (Nbk) **726**, 152.
The Sea and Soviet Domestic Transportation (NavRev). R.E. Athay **831**, 158.
Sea of Okhotsk, U.S.S.R.'s Great Lake? D.W. Given **811**, 46.
Sea Power
  Navies in War and in Peace (Part 3). S.G. Gorshkov **853**, 50.
  Soviet Global Strategy: The Great Challenge to the West at Sea. Wolfgang Höpker **874**, 24.
Secret of Kremlin Warfare. M.M. Green and J.Z. Kornfeder **620**, 1131.
Sino-Soviet Power in the West Pacific. O.E. Clubb **676**, 65. **683**, 112.
Soviet Canals. V.P. Petrov **773**, 32. **776**, 111. **778**, 114. C&D: **785**, 102.
Soviet Central Naval Museum (ProfNote). E.C. Fisher, Jr. **767**, 128.
Soviet Character Study (ProfNote). J.A. Fahey **776**, 136.
Soviet Criticism of Der Seekreig and Author's Reply **672**, 112.
Soviet Diplomacy from Stalin to Suez. J.E. McSherry **658**, 1298.
Soviet Education and the Missile Gap. G.M. Kassell **703**, 133.
Soviet Fishing Fleet, Designed to Sweep the Seas (Pict) **813**, 58.
Soviet Hunts Fish in Diving Vessels (Nbk) **721**, 148.
Soviet Man in the Sea (C&D) **797**, 113.
The Soviet Marines. C.G. Pritchard **829**, 18. **834**, 90. **842**, 87.
Soviet Military Correspondence and Evening Courses (ProfNote). W.C. Chapman **742**, 140.
Soviet Military Press. C.P. Lemieux **563**, 35.
The Soviet Naval Academy (C&D) **871**, 81.
Soviet Oceanography. B.M. Kassell **725**, 59.
Soviet Officers More Youthful (C&D) **828**, 106.
Soviet Officer Training (ProfNote). C.P. Lemieux **742**, 137.
Soviet Operations in the War with Japan. R.L. Garthoff **759**, 50. **763**, 122.
Soviet Policy in the Baltic. H.G. Morgan, Jr. **686**, 83.
Soviet Psychological Strategy. R. Strausz-Hupé **700**, 23. **704**, 112.
Soviet Reporting of the Cuban Crisis. J.C. Pedersen **752**, 54.
Soviet Rocketry (ProfNote). C.P. Lemieux **687**, 148.
Soviet Shipbuilding and Shipyards (NavRev). Norman Polmar **831**, 272.
Soviets Warn U.S. (Nbk) **746**, 152.
Soviet Translation and Review of Naval Institute's Book on U.S. Destroyer Operations **661**, 100.
Soviet Translation of Naval Institute Book on Korean War **725**, 104.
Soviet Union and the Arctic. O.P. Araldsen **772**, 48. **775**, 115.
Soviet Union and the War in the West **637**, 261.
Soviet Union's Far-flung Nets. Russell Oetting **813**, 48. **824**, 97.
Soviet Union Today. O.H. Dodson **711**, 43.
Soviet Universal Military Service. G. Grkovic **794**, 54.
Stalin-Hitler Relations: See: Stalin and Hitler.
State Budget **348**, 288.
Strategic Significance of the Northern Sea Route. T.J. Laforest **778**, 56. C&D: **782**, 98.
Strength and Condition of Russian Baltic Fleet (1904): **112**, 871.
Strength of Fleet in Eastern Waters at Outbreak of Hostilities (with Japan) **109**, 232.
Submarines
  Soviet Submarines Cruise Indian Ocean (Nbk) **803**, 132.
  Submarine for the Tsar. F.G. Babbitt **806**, 46.
Suez and the Soviets. Shlomo Slonim **866**, 36. **871**, 82.
Support and Defense of Vital Interests: Navies in War and in Peace (Part 9). S.G. Gorshkov **859**, 56.
Tankers (50) from Spain **350**, 623.
Their Energy--Our Crisis. C.S. Cook **882**, 28.
Turkey **324**, 169.
  Russia and Turkish Straits. M.H. Williams **591**, 479.
United States **323**, 78. **324**, 168. **331**, 876. **354**, 1228.
  United States and Russia in World Equilibrium. S.F. Bryant **380**, 1405.
  U.S. Mission to Russia: Blue Water Monitor. J.A. Knowles, Jr. **841**, 78.
U.S.S.R. and I.M.C.O.: Preliminary Observations. A.Z. Rubinstein **680**, 75.
Vessels Building
  1902: **101**, 123. **102**, 367. **103**, 654. **104**, 976.
  1903: **105**, 274. **106**, 488. **107**, 757. **108**, 983.
  1904: **109**, 231. **110**, 450. **111**, 651. **112**, 868.
  1905: **113**, 232. **114**, 517. **115**, 725. **116**, 1006.
  1906: **117**, 353. **118**, 728. **119**, 1139. **120**, 1603.
  1907: **121**, 415. **122**, 870. **123**, 1307. **124**, 1525.
  1908: **125**, 347. **126**, 723. **127**, 1066. **128**, 1334.
  1909: **129**, 298. **130**, 591. **131**, 976. **132**, 1297.
  1910: **133**, 280. **134**, 618. **135**, 884. **136**, 1174.
  1911: **137**, 307. **138**, 648. **139**, 1069. **140**, 1441.
  1912: **141**, 335. **142**, 774. **143**, 1144. **144**, 1661.
  1913: **145**, 388. **146**, 863. **147**, 1352. **148**, 1757.
  1914: **149**, 235. **150**, 482, **487**, 553. **151**, 860. **152**, 1208. **153**, 1502. **154**, 1807.
  1915: **155**, 192. **156**, 540. **157**, 929. **158**, 1297. **159**, 1647. **160**, 2029.
  1916: **161**, 237. **162**, 575. **163**, 941. **164**, 1282. **165**, 1636. **166**, 1979.
Veteran Benefits in the U.S.S.R. (ProfNote). C.P. Lemieux **686**, 152.
Volga-Don Canal **674**, 108.
  Significance of. R.S. Hibbs **640**, 627. **668**, 104.
War, Russia's New Kind of. B. Anderson **573**, 1171.
Warm Water, Russia and. J.A. Morrison **597**, 1169.
War Spirit Rampant **354**, 1207.
What Are You Up To, Sergei? K.J. Bauer **862**, 32.
What's Behind the Russian Mask? C.O. Lerche, Jr. **727**, 26. **733**, 109. **734**, 114. **741**, 113.
Russia--Navy
Admiral Warns of Soviet Fleet Gains (Nbk) **803**, 132.
Adriatic: Soviet Seaway Someday? E.P. Sullivan **834**, 26. **840**, 97.
"...a most successful naval visit." R.E. Bublitz **787**, 36. **790**, 104. **791**, 104. **793**, 104.
Atomic Submarines for Red Navy Day (ProfNote). C.P. Lemieux **704**, 142.
Attaining Command at Sea--Soviet Style (ProfNote). W.H.J. Manthorpe **873**, 97.
Big Bear Wets His Paws. J.B. Wilkinson **548**, 1225.
Blue Water Soviet Naval Officer. Sumner Shapiro **816**, 18.
Comments on Gorshkov's Sea Power of the State. B.W. Watson **890**, 41. **898**, 80.
Composition **462**, 1211.
Dangerous Maneuvering--The Russian View (ProfNote). T.C. Martin **792**, 144.
Destroyer Seakeeping: Ours and Theirs. J.W. Kehoe, Jr. **849**, 26. **856**, 99.
Development of the Art of Naval Warfare. S.G. Gorshkov **868**, 54. **876**, 78.
From "Kildin" to "Kresta" (ProfNote). Stefan Terzibaschitsch **808**, 127.
Future Role of Soviet Sea Power. H.G. Dudley, Sr. **759**, 39. **762**, 113.
Historic Pattern of Russian Naval Policy. T.V. Tuleja **583**, 959.
In Defense of the Russian Navy (ProfNote). C.P. Lemieux **735**, 143.
Jane's Finds Soviet Navy Second to U.S. (Nbk) **769**, 145.
Kashin-Class Missile Frigates (ProfNote). R.H. Webber **748**, 138. **751**, 116.
The Kiev: A German View (ProfNote). Ulrich Schulz-Torge **893**, 11. **897**, 80.
Kynda-Class Missile Frigates (ProfNote). R.M. Basoco and R.H. Webber **739**, 140.
Lenin and Soviet Grand Design for the Arctic. J.H. Guill **665**, 89.
A Look at the Nikolaev (ProfNote). E.C. Fisher, Jr. **853**, 116. **856**, 99. **857**, 96, 97. **860**, 92, 94.
Moskva Joins the Soviet Navy (C&D). Stefan Terzibaschitsch **794**, 107. **799**, 104.
Moskva Watches for Polaris Submarines (Nbk) **802**, 161.
Mutinies, 1917: **439**, 1285.
Nakhimov Naval Cadet Schools (ProfNote). A.E. Graham **890**, 104.
Naval Aviation
  Backfire: Long Shadow on the Sea-Lanes. W.D. O'Neil **889**, 26. **893**, 85. **898**, 81.
  Early Russian Shipboard Aviation. R.D. Layman and B.V. Drashpil **818**, 56. **830**, 101.
  The Soviet Naval Air Force (ProfNote). Norman Polmar **889**, 96. **892**, 84.
Naval Doctrine: Soviet Carrier Strategy. J.T. Funkhouser **850**, 27. **856**, 103.
Naval History

Russia--Navy (Cont.)
Naval History (Cont.)
Navies in War and in Peace (Part 2) S.G. Gorshkov **852**, 26. **856**, 94, 98. **858**, 89, 90. **859**, 87. **865**, 81. (Part 3): **853**, 50.
Stalin's First Bid for Sea Power, 1933-1941. D.C. Watt **736**, 88.
Naval Strategy: U.S. and U.S.S.R. Naval Strategy. K.J. Hagan and J.W. Kipp **849**, 38.
Naval vs. Military Establishment: Soviet Naval High Command (NavRev). John Erickson **843**, 66.
Navies in War and in Peace (Part 1). S.G. Gorshkov **851**, 18. **854**, 98. **856**, 94, 96, 97, 98. **859**, 87.
Need for a Navy: Navies in War and in Peace (Part 2). S.G. Gorshkov **852**, 26. **856**, 94, 98. **858**, 89, 90. **859**, 87.
New Approaches to Officer Training in the U.S.S.R. (ProfNote). W.A. Cockell, Jr. **689**, 138.
New Red Naval Doctrine in Making? **607**, 1020.
Shafter, R.A. **596**, 1091.
New Soviet Destroyers (ProfNote). Oscar Parkes **641**, 777.
New Soviet Submarines Noisy and Easy to Detect (Nbk) **803**, 131.
New Soviet Warships: Are They of Superior Design? (C&D) **853**, 96.
Nikolay Zubov--Russia's Newest Oceanographic Class Ships (ProfNote). R.D. Plunkett **816**, 97.
1928-1941: Navies in War and in Peace (Part 6). S.G. Gorshkov **856**, 46. **859**, 87.
Officer Training in the Russian Navy **672**, 113.
Okean-75 (ProfNote). B.W. Watson and M.A. Walton **881**, 93.
OOD Training in the Soviet Navy (ProfNote). W.A. Cockell, Jr. **671**, 134.
Operations of Russian Navy During French Revolution and Empire, 1795-1801. R.W. Daly **531**, 555. **535**, 1107.
Organization and Management of Soviet Naval Schools **682**, 103.
Potemkin Mutiny. G. Bennett **679**, 58.
Red Fleet Is Being Built Up. R. Lusar **611**, 57.
Red Fleet Ten Years After **662**, 103.
Red Navy's Role in the Sino-Soviet Split. J.K. Holloway, Jr. **847**, 18.
The Red Navy--Telling It Like It Isn't (NAMB) **873**, 84. **877**, 115.
Red Star Over the Southern Sea. P.R. Schratz **808**, 22.
Rise in Soviet Operations (Nbk) **753**, 163.
Russia Building Fleet (Nbk) **727**, 147.
Russian Navy Doubles in the Mediterranean (Nbk) **776**, 145.
Russian Navy--Past, Present, and Future. P.W. Martin **532**, 657. **537**, 1380. **539**, 82. **542**, 485.
Russian Navy Warships Moving Into Indian Ocean (Nbk) **808**, 132.
Russians Trail U.S. Warships (Nbk) **790**, 153.
Russia's Fictitious Naval Tradition. P.J. Rollins **839**, 65. **844**, 93. **850**, 89.
Russia's New Naval Muscle (Nbk) **851**, 108.
Schools, Soviet Higher Naval **843**, 73.
Sea Power in Soviet Strategy. R.L. Garthoff **660**, 85.
Sea Power in War with Russia. G. Dickens **572**, 1069.
"Sever" and the Baltic Bottleneck. C.L. Parnell **798**, 26. **805**, 88.
Soviet Admiral Boasts Greatest Naval Power (Nbk) **806**, 133.
Soviet Aircraft Carrier (NavRev). N. Polmar **855**, 143. **884**, 138. C&D: **888**, 79.
Soviet ASW (ProfNote). J.C. Bussert **834**, 112.
Soviet Beachhead in the Third World. J.T. Howe **788**, 60.
Soviet Bid for the Sea. E.M. Eller **628**, 619. **636**, 206, 207.
Soviet Black Sea Fleet (ProfNote). R.W. Wells **775**, 136.
Soviet Buildup Stirs Southern Europe (Nbk) **772**, 155.
Soviet Carrier on the Horizon? T.G. Martin **814**, 46.
Soviet Drive for Sea Power. D.J. Carrison **680**, 67.
Soviet Educational Reform and the Nakhimov School (ProfNote). C.P. Lemieux **682**, 144.
Soviet Logistics in the Arctic. B.M. Kassell **672**, 88.
Soviet Major Combatants (Pict). A.D. Baker, III: **856**, 71.
Soviet Maritime Expansion in the Pacific. J.H. Guill **681**, 56.
Soviet Naval AA Cannon Persists in Missile Age (ProfNote). W.J. Farquharson **860**, 109.
Soviet Naval Activities--1970 (NavRev). R.W. Daly **819**, 285.
Soviet Naval Goal: Satellite Seas. F.M. Murphy **698**, 36.
Soviet Naval High Command (NavRev). John Erickson **843**, 66.
Soviet Naval Maneuvers Watched (Nbk) **802**, 162.
Soviet Naval Power Cited (Nbk) **733**, 153.
The Soviet Navy in 1975 (NavRev). W.H.J. Manthorpe, Jr. **879**, 204.
The Soviet Navy in 1976 (NavRev). W.H.J. Manthorpe, Jr. **891**, 202.
Soviet Navy in the Mediterranean. F.M. Murphy **769**, 38.
Soviet Navy in World War II. Jurg Meister **654**, 839.
Soviet Navy's New Look (ProfNote). C.P. Lemieux **685**, 140.
Soviet Sea Power. P.W. Rairden, Jr. **539**, 61.
Soviet Seapower, Ripple or Tidal Wave. J.F. McNulty **809**, 18.
Soviet Ships in the News (Nbk) **840**, 118.
Soviet Submarine Force (Pict). R.D. Wells **822**, 63. **826**, 91. **832**, 108.
Soviet Submarine Threat--Past, Present, and Future. T.T. Holme, Jr. **822**, 60.
Soviet Submarine Visits to Cuba. B.M. Blechman and S.E. Levinson **871**, 30.
Soviet Surface Combatants (Pict). R.D. Wells **797**, 87. **801**, 120, 121, 122.
Soviet Union [cruisers] (Nbk) **724**, 162.
Soviet Use of United Arab Republic Ports (Nbk) **760**, 159.
Stalin's First Bid for Sea Power, 1933-1941. D.C. Watt **736**, 88.
Submarine Mine-Layer Krab. A. Loukine **372**, 197.
Sverdlov (Pict) **628**, 628.
Thinking About Soviet ASW (NavRev). N. Polmar **879**, 108.
Thirty Soviet Speed Boats to Cuba (Nbk) **802**, 161.
Trends in Soviet Naval Thinking **843**, 82.
Trials Run of Soviet Icebreaker (ProfNote). C.P. Lemieux **681**, 142.
Type of Naval Forces Needed: Navies in War and in Peace (Part 11). S.G. Gorshkov **861**, 55.
U.S. Navy Weather Stations in Siberia. F.A. Brown **713**, 76.
U.S. Observations of the Kiev (ProfNote). J.W. Kehoe et al. **893**, 105. **897**, 80.
U.S. Won't Challenge Soviet Submarine Pace (Nbk) **803**, 131.
USSR Counterpart of Bluejacket's Manual **646**, 1330.
Visit of Russian Squadrons in 1863. P. Laurentz **387**, 692. **394**, 1848.
Warship Design: Ours and Theirs. J.W. Kehoe, Jr. **870**, 56. **874**, 73, 74.
Who Will Stop the Red Fleet? (Nbk) **846**, 120.
Russian (Brit. transport)
The Russian Case **168**, 421.
Sunk by Submarine **168**, 410.
Russo-Chinese Relations: Footnote to the History of China. Nelson T. Johnson **623**, 63.
Russo-Japanese War
See also: Names of Battles and Vessels.
Admiral Makarov: Attack! Attack! Attack! D.W. Mitchell **749**, 57. **754**, 118. **762**, 121. **768**, 119, 120. **771**, 125.
Battle of Sea of Japan (from official reports). P.R. Alger, Tr. **115**, 612.
Casualties in Russian and Japanese Armies **121**, 440. **122**, 888.
Control of the Sea: Its Relation to Russo-Japanese War. G.C. Manning **143**, 993.
Damage to Russian Ships at Port Arthur **116**, 1035.
Diplomatic Struggle which Preceded War Between Russia and Japan, 1904-05. D. Nikitin **477**, 1591.
Dogger Bank Incident: Mysterious Torpedo Boat **496**, 700.
Early Russian Destroyer Losses in the War **110**, 450.
High Noon at Chemulpo. B.B. Tomblin **798**, 70.
Japanese Naval Casualties **121**, 415.
Lessons of the War **113**, 245.
Losses of the Japanese in the War **143**, 1173.
Naval Losses, Russian and Japanese **112**, 868. **113**, 244. **115**, 746.
Naval Strategy of the Russo-Japanese War. L.A. Cotten (map) **133**, 41.
North Sea Incident of 1904. J.P. Campbell **853**, 64.
On the Naval Strategy of the...war. R.E. Pope **133**, 263.
Recollections of Battle of Tsushima. S. Posokhow **326**, 285.
Russo-Japanese War (Pict). E.H. Clark, Jr. **627**, 572.
Severance of Diplomatic Relations **109**, 233.
Strength of Opposing Fleets **114**, 534.
Togo, H.: Passing of Togo. C.L. Lewis **384**, 229.
Torpedo and Mine Effects in the Russo-Japanese War. M.C. Ferrand. Tr. by P.R. Alger **124**, 1479.
Torpedo-Boat Operations **111**, 669.
Transmission of orders during the naval battles of the Russo-Japanese War. H.F. Bryan **145**, 283.
Twenty Thousand Leagues Over the Seas. C. Moran **627**, 555.
Wounds sustained by Japanese and Russian armies in the war **125**, 373.
Russo-Turkish War
Navies in War and in Peace (Part 3). S.G. Gorshkov **853**, 50.
Russian Mines on the Danube. A.P. Bainard **749**, 51. **754**, 118. **765**, 129. **770**, 117.
Russo/U.S. Navies, a Comparison: The Trend in Naval Power: A Crisis of Resolve. N.L. Stone **869**, 24.
Rust, A.
Cylindrical Slide Rule for Aviators and Navigators **306**, 667.
Identification of the stars in cloudy

weather 199, 1597.
Navigator's Protractor 109, 203.
Notes on azimuth and hour angle 107, 725.
Notes on signals for use in hydrographic surveying 144, 1473.
Notes on use of great circle sailing chart for solution of problems in nautical astronomy 116, 975.
On Marvell's "Development of method of finding line of position." 146, 819.
Pneumatic Water Elevating Apparatus 42, 490.
Range, or direction, indicator 101, 45.
The Reel Life Buoy 41, 268.
Safety at sea: proposed charts showing safety zones 153, 1417.
Slide Rules for Navigators 218, 497.
Solution of spherical triangles 107, 707.
Solutions of the problems of "the reduction to the prime vertical and to the meridian," with a new graphic method for the solution of various problems in navigation 151, 750.
Star-finding Diagram 124, 1491.
Rust and Scale
Condenser Corrosion 248, 1742. 249, 1917.
Corrosion: Cost 348, 293.
Corrosion, Theories of 238, 2174. 285, 2357.
Fouling on Ships' Bottoms 357, 1680.
Metal, Non-corrosive 233, 1235.
Pneumatic Remover 237, 1974.
Removing Iron Plate Rust 171, 1037.
Rifle Bore Corrosion 238, 2181.
Rusting of Iron and Steel 69, 206.
Rustless Coatings for Iron 70, 443.
Rust-Proof Coatings 201, 1930. 246, 1360. 342, 1111.
Ships 209, 1150. 249, 1942.
Rustow, Wilhelm: Rustow's Views on Strategy: See: Darrieus, War on the Sea 126, 520.
Ruth, S.R.: What Can the Navy Learn from the Air Force's Advanced Logistics System? (ProfNote) 888, 100.
Rutledge, W.N.: People Ahoy! (anec) 851, 33.
Rutter, J.B., Jr. 536, 1239. 607, 1021. 620, 1161. 702, 110.
Attack Cargo Ships (NewNav) 677, 150.
Welcome Back to Pearl (anec) 626, 440.
Rutter, J.M.: Navy Medicine: New Prescription (Flynn) (C&D) 829, 107.
Ruyter, M.A. de: Thames (Medway), Battle of the 429, 1561.
Ryan, D.P.: Small Boys and Whirly Birds 804, 26.
Ryan, Luke: See: American Privateers. H. Malo 139, 933.
Ryan, Matthew 712, 113.
Ryan, P.B.
Book Reviews 777, 114. 849, 101.
Canal Diplomacy and U.S. Interests 887, 43. 894, 70. 897, 85.
Co-author: See: G.W. Henderson.
Constellation (USS) Flare-up: Was It Mutiny? 875, 46. 878, 83.
Effective Writing: Navy or Civilian (C&D) 790, 110.
How Young We Were 790, 26.
Ten Days at Veracruz 832, 64. 840, 88.
Unification in Canada: The World Watches 769, 64. 774, 103. 778, 107.
Rykoff, A. 254, 678.
Ryland, W. 256, 880.
Ryndam (Neth SS) 440, 1428.
Rysworth, Michael: British Fleet Air Arm, 1958 (Pict) 673, 80.
Ryujo (HIJMS) 342, 1110.
Ryurick (Russian cruiser): See: Rurik (Russian cruiser).
Rz., E. v.: Gun distribution aboard modern battleships and its influence on naval tactics. Tr. from the German by H.F. Bryan, with comment by P.R. Alger and B.A. Fiske 121, 205.

S

S-3A Viking (ProfNote). Rosario Rausa 884, 131.
S-4 (U.S.) 300, 163. 331, 853. 337, 341. 356, 1521.
S-16 (USS) 204, 283.
S-19 (USS): Salvage of. R.B. Hilliard 270, 1408.
S-48 (USS) 221, 1107.
S-51 (USS) 233, 1205. 337, 341.
Early Salvage Work. M.M. Spaulding 397, 329.
Salvaging. E.J. King 288, 137.
S-64 (It. airplane) 308, 915.
S-124 (Ger. t.b.d.): Rammed and Sunk by Steamer 155, 250.
SOS substitute suggested 249, 1936.
Saar, C.W.: Offensive Mining as a Soviet Strategy 738, 42.
Saar-class guided missile fast patrol boats Israeli Saar FPBs Pass Combat Test in Yom Kippur War (ProfNote). Shlomo Erell 859, 115.
Sabadie, P.A.: The Silent Vote (Dengler) (C&D) 828, 105.
Sabalot, A.C.J. 667, 115. 683, 118.
Sabbath 1974, Navy 858, 104.
Sabbitical Year. R.B. Henry 398, 487, 561.
Sabin, L.S. 590, 435. 604, 678. 638, 435. 678, 102. 680, 111. 681, 101. 686, 120. 690, 114. 694, 106, 107. 696, 104. 729, 97.
Deep Draft and Major Command Selection (C&D) 780, 104.
Deep Selections 685, 46. 688, 104, 106, 107, 108, 109, 110, 111, 114. 691, 108, 111, 112.
Interview with J.T. Mason, Jr., Director of Oral History (Mason) (C&D) 849, 86.
I Remember Pearl Harbor (Taussig) (C&D) 847, 97.
Military Aid and Comfort to Dictatorships (Victor) (C&D) 799, 113.
Patriotism: Where? (Jordan) (C&D) 839, 94.
Prestige and the Navy Family (C&D) 755, 118.
Review of Postwar Defense Policy and the U.S. Navy, 1943-1943 (C&D) 770, 109.
Sable (U.S.)--ex Greater Buffalo: See: When Airpower Rode on Paddle Wheels (OldNav).
SABMIS and the Future of Strategic Warfare. M.B. Schneider 797, 26. 801, 118, 119. 806, 93.
Sabre Exercise: See: Swordsmanship.
Sachse, W.L. 498, 1026. 508, 718. 509, 839.
Our Naval Attache System: Its Origins and Dvelopment to 1917: 519, 661.
U.S. Navy and First Japanese Mission to United States 507, 531.
Sackley, Arthur: He Must Have Been a Destroyerman (anec) 681, 133.
Sacks, H.H. 688, 109. 692, 109. 698, 103. 712, 108.
Intellect: The Common Ground 679, 78.
Shoreside Checkout for Seagoing Destroyer Officers 708, 58. 712, 112.
SACO: U.S. Naval Group, China. M.E. Miles 521, 921.
Sacramento (U.S.)
Navy Lauds the Sacramento (Nbk) 767, 134.
Sacramento (AOE-1) (NewNav). R.W. Baker 739, 164.
Sacramento (AOE-1) (Pict). W. Case and R.D. Moeser 778, 88.
Voyage of. W. Macarthur 378, 1061.
Sacred Calabash 860, 108.
Rodman, H. 294, 867. 300, 138.
Sadko-2: See: Soviet Man in the Sea.
Sadler, F.H. 340, 858. 356, 1485. 358, 1800.
Sadler, R.N.: Not Under Command (anec) 686, 157.
Sadler, R.W.
Bacon Cooking' Up Yonder (anec) 662, 154.
Lowering the Boom (anec) 668, 75.
Saegesser, L.D.: USS Macedonian and the Hurricane of 1818 (OldNav) 803, 88.
Saegmuller, G.N. 267, 761.
Safes, Wreck-proof 206, 647.
Safety Devices: See: Submarines.
Safety at Sea
See also: Lifesaving.
Coast Guard Officer's Comments 667, 104.
Collision at Sea in Fog: The Common-Sense Approach (ProfNote). F.J. Wylie 727, 120.
Collisions and Groundings: Preventing the Preventable. R.C. Hill 862, 42.
Computer to the Rescue (ProfNote). E.F. Oliver 749, 142.
Dangerous and Exotic Cargoes (NavRev). H.D. Williams 843, 224.
Defensive Seamanship. M.R. Byington, Jr. 868, 24. 872, 87, 88. 875, 76.
Effective Rules of the Road. W.R. St. George 679, 72.
Flagging the Unsafe Liberian Flag Ships (ProfNote). J.W. McCurdy 892, 102.
Gargantuan Tankers, Privileged or Burdened? E.F. Oliver 811, 39. 817, 90.
Handling Distress Calls 678, 107.
IMCO Studies How to Reduce Sea Casualties (Nbk) 778, 154.
International Lifeboat Conference: 5-9 June 1967 (ProfNote). R.C. Gould 788, 141.
Marine Collision (ProfNote). J.H. Beattie 712, 132.
New Life Jackets (Nbk) 748, 159.
North Atlantic Lane Routes. G.T. Rude 656, 1065.
One-Way Traffic Lane for New York (Nbk) 756, 144.
Overdue Aids to Navigation (ProfNote). F.D. Higbee 821, 103.
Policy of Farrell Lines, Inc. 670, 122.
Radar--Milestone or Millstone? D.F. Miley 709, 45. 720, 116. 733, 115.
Safer, Saner Seaways. J.H. Beattie 814, 38.
Safety Rules for Shipping 177, 2650.
Ships That Pass in the Night. E.F. Oliver 681, 70.
Soviet Negotiation (ProfNote). L.R. Hardy 693, 135.
Speed in Fog. R.M. Slack 677, 77. 684, 104.
Submarine Safety (ProfNote). R.V. Dickieson 785, 126.
Vessel Traffic Systems: A View from the Bridge. F.C. Seitz 866, 24. 870, 83.
World Ship Code to Take Effect (Nbk) 739, 155.
Safety--Aviation: The Helicopter: Hazardous at Any Height? W.H. Baker 812, 56. 818, 95.
Safety Criteria, U.N. Approves Ship (Nbk) 780, 144.
Safety Factors: When Is a Vessel Unseaworthy (ProfNote). J.W. Giles 821, 105.
Safety in Aircraft Carrier Operations (ProfNote). J.S. Russell 788, 131.
Safety in Navigation

Safety in Navigation (Cont.)
The Coefficient of. P.F. Harrington **18**, 385.
Letter from R.B. Forbes **18**, 397.
W.A. Rogers **17**, 205. **18**, 353.
Safety of life at sea conference **320**, 902.
Safety Programs: Preventing the Preventable Accident. E.S. McGinley, II: **844**, 56.
Safety Study Completed on Carriers (Nbk) **779**, 144.
Safford, L.F.
Chaotic Spain: An Estimate of Spanish Civil War **424**, 859. **427**, 1345.
Influence of History Upon Sea Power **352**, 877.
Wider Horizons **417**, 1537. **421**, 405, 406.
Safford, M.V. **359**, 114.
Safford, V.: Military Effectiveness **405**, 1557.
Safford, W.E.
Lieutenant William E. Safford--Guam's First Lieutenant Governor. F.J. Nelson **594**, 851. **611**, 90.
Physalia, or Portuguese Man-of-War **21**, 413.
Sage, H.J.
The Military and Politics **860**, 47.
Nothing But Blue Skies (Leider) (C&D) **836**, 87.
Sagerholm, J.A.: Submarine and Antisubmarine: A Perspective (C&D) **835**, 84.
Saginaw (USS) **258**, 1278. **307**, 759. **391**, 1287.
Saginaw's Gig: Narrative of William Halford. H.W. Baldwin **391**, 1287.
Saguenay (Can.) **331**, 837. **337**, 398. **338**, 539. **341**, 972. **345**, 1573. **347**, 124. **444**, 256.
Saigon--The Navy Reported Today... (ProfNote). H.E. Padgett and J.A. Garrow **794**, 132.
Sail Period, The... F.A. Parker **14**, 313.
Sail, Return to. H.O. Hauck **428**, 1464. **430**, 1793.
Sailboat equipped with sonar: The "Ideal" ASW Vehicle: A Modest Proposal (C&D) **877**, 126.
Sailboats
Whaleboats: See: Whaleboats.
Why Not Build a Snipe? R.S. Lawson **387**, 654. **391**, 1308.
Sailboat, Sonar-equipped: The "Ideal" ASW Vehicle: A Modest Proposal (ProfNote). A.W. Sear, Jr. **863**, 104.
Sailing
First Shields Boat Delivered (Nbk) **724**, 158.
Navy Sailing Program (C&D) **804**, 92. **810**, 101.
1962 Buenos Aires to Rio Race (ProfNote). B.D. Barker, III: **715**, 137.
Recreational Sailing
Navy Sailing (ProfNote). R.D. McWethy **844**, 109.
Navy Sailing Programs (C&D). R.D. McWethy **799**, 112.
Teenagers Man Sailing Ship Adventuress (C&D) **862**, 79.
Sailing at the Naval Academy (ProfNote). Stuart Finlay **777**, 138.
Sailing Fleet of the U.S. Naval Academy (chart) **777**, 139.
Sailors in the Navy (Pict). A.F. Loomis **708**, 88.
Small Boat Sailing in the Navy **724**, 114. **731**, 101. C&D: **731**, 101.
Sailing Ships
See also: Names of ships.
Capturing Sail on Canvas (Pict). J.W. Schmidt **706**, 84. **709**, 104, 105.
Clippers' Sailing Records **407**, 97, 99. **412**, 869.
Donald McKay, Master Shipbuilding. E.S. Clark, Jr. **401**, 1019. **407**, 97.
Eagle (Pict) **804**, 69.
Eighteenth Century, Sailing Vessels of (illus.). M.R. Williams **395**, 9. **401**, 1036.
England: Training Midshipmen **352**, 921. **353**, 1072.
Great Sailing Ships Will Gather (Nbk) **734**, 155.
Greek Training Ship Ares **658**, 1346.
Herzogin Cecilie: Wins Race **353**, 1083.
Kaiulani, Last of the Yankee Square-Riggers (Pict). Peter Stanford **853**, 71.
Is a Square-Rigger Still the Best Teacher? **707**, 113. **711**, 118, 119.
"It Was a Nice Skill" Handling the Square-rigged Ship. Alan Villiers **762**, 80.
Last Active American Square-Rigger **665**, 112.
Last Grain Race. J.F. Colton **567**, 507.
Last Ships Through Golden Gate. W. Macarthur **396**, 186.
McKay, D.: Famous Shipbuilding Acts as Peacemaker at Home and Abroad. R.C. McKay **440**, 1405.
New Device for Sailing Ships **78**, 488.
Oldest, Lisa (Swed.) **435**, 660.
Packets, Yankee. H.P. Martin **421**, 389. **423**, 740.
Paintings Inaccurate **383**, 97.
Sailing Ship Is Not Yet Extinct. J. Lyman **484**, 852.
Sailing Ships (Pict) **632**, 1148.
Salmon Packets: Some Ships That Have Passed. M.A. Ransom **413**, 953.
Training: See: Training Ships.
Trade with Africa **356**, 1530.
Square Rigged Training Ships (ProfNote) **661**, 134.
Square-Rigger Still the Best Teacher? G. McGowan **698**, 42. **704**, 121.
Studding Sails Set. M.R. Williams **391**, 1238.
Tall Ships and Sailormen: Operation Sail 1972. D.V.V. Wood and K.W. Thompson **852**, 40.
Tall Ships Race (Pict). Hans Marx **742**, 82.
Training in Sailing Vessels Carries On **636**, 209.
Unidentified French (correction) **431**, 146.
Vema: Atlantic Record **353**, 1083.
Wheat Cargoes **351**, 777. **353**, 1083.
Why Sailing Ships in Atomic Age? (Nbk) **740**, 141.
Young America. C.R. Patterson **445**, 390.
Sailing Vessels: Rendezvous in Kiel (C&D) **845**, 87.
Sailor, Famous Old (OldNav). K.C. Holm **793**, 149.
Sailor in the Revolution, The. C.F. Goodrich **83**, 469.
Sailors? L.N. McNair **360**, 270.
Sailors in the Navy, Are There Any? A.F. Loomis **355**, 1267. **357**, 1688. **358**, 1795, 1844. **359**, 109. **360**, 270.
Sailors in the Navy, Yes, There Are Plenty of. P.V. O'Rourke **359**, 109.
Sailor's Log Off Santiago. J.A. Montgomery **306**, 728.
Sails
Divided Gaffsails **439**, 1381.
Lateen **435**, 729.
Names **437**, 1086.
Paper **76**, 917.
Sail Training
The Navy Needs More Sailors. J.B. Bonds **876**, 38. **881**, 76, 77. **882**, 77.
On Board a Sailing Ship (ProfNote). Ken Berents **887**, 107.
Sainsbury, A.B.: Dreadnought (C&D) **764**, 130.
St. Cast, Battle of, 1858: **504**, 213.
St. Elmo's Fire: See: Meteorology.
St. Eustatius, D.W.I.: Salute at 'Statia. P. Melville **700**, 70.
St. George, W.R.
Burden of Being Privileged (C&D) **746**, 102.
Effective Rules of the Road **679**, 72.
Saint Georg (Austrian cruiser): Description **109**, 213.
Saint Helena Reservation: Campe of Sanitation. C.M. Thomas **112**, 836.
Saint Helena Training Station: The Development of the Norfolk Navy Yard. A.C. Cunningham **133**, 235.
St. John, Adrian: Russia and Red China--Mutual Nemeses **702**, 48.
St. John, John J.: Those Who Can... **680**, 50.
St. John (SS) **349**, 436. **350**, 622. **353**, 1082. **356**, 1530.
St. John's College: See: Annapolis, Maryland.
St. Laurent, C.M.: Image of Command (Edwards) (C&D) **809**, 103.
St. Lawrence (U.S.) **210**, 1218. **344**, 1449.
See also: Cover Pictures--May 1959.
St. Lawrence Seaway
Destroyer Seamanship in St. Lawrence Seaway (ProfNote). P.F. Hauck and T.P. Connell **685**, 130.
The Fourth Coast: Five Lakes and Five Rivers (NavRev). O.T. Burnham **867**, 174.
Freshwater Cruise of USS Macon. J.C. Wylie **686**, 61. **693**, 102, 103.
Great Lakes Fleet Steams into Heavy Seas (ProfNote). R.C. Watson **715**, 133. **725**, 111.
Naval Aspects of. M. Berngard **566**, 379. **571**, 1029.
Navy Sails the Inland Seas. A.P. Slaff **681**, 23.
Seaway: National Defense Aspects. H.C. Brockel **675**, 23.
Seaway: (Pictorial) **675**, 93.
St. Louis (motor ship) **327**, 445.
Saint Louis (SS): Shell Explosion Aboard SS Saint Louis **173**, 1510.
St. Louis (U.S.) **270**, 1459. **289**, 295, 335. **386**, 496. **887**, 84.
Cruise to China, 1843: **136**, 1093.
St. Mary's (U.S.): See: Cover Pictures--February 1961.
St. Nazaire Memorial, Dedication of. A. Gleaves **287**, 13.
Saint Paul (SS)
Overturns at Pier **184**, 1376.
Salvage of the SS Saint Paul **188**, 2393. **189**, 2650.
Shell Explosion Aboard SS St. Paul **173**, 1510.
St. Paul (U.S.)
See also: Cover Pictures--May 1960.
Saint Paul (CA-73): **687**, 159.
St. Paul (U.S.) and Terror (Span.) **412**, 866.
St. Peter's Chapel, Mare Is., Calif. T.A. Kearney **353**, 1025.
Saint Quentin: Air View of St. Quentin **183**, 1057.
Saint Thomas: McCandless, Byron. Harbor of St. Thomas (illus) **165**, 1619.
Saint Vincent (HMS): Launched; description **128**, 1329.
Saint Vincent Training School **110**, 445.
Saipan: See: Marianas Islands.
Sakaki (Jap. destroyer): Torpedoed **173**, 1616.
Sakamoto, T.: Naval Holiday **283**, 1835.
Sakarya (Turk.) **350**, 621.
Sakhalin Oil Fields **257**, 1155. **259**, 1538.
Sa Ky River Victory: Trawler! (C&D) **791**, 101.
Salamis, Battle of, 480 B.C. D.J. Edwards **432**, 161.
Salamis (Gr.) **355**, 1374.
Description **149**, 204.

Description; illustration **145**, 381.
Salans, C.F.: U.S. Alliances in the Pacific **761**, 62.
Salans, C.G.: Gulf of Aqaba and Strait of Tiran, Troubled Waters **790**, 54.
Salem (Mass.): See: Peabody Museum (Pict).
Salem (U.S.)
See also: Cover Pictures--February 1956.
Illustration **113**, 1.
Trials **127**, 1067.
Salembier, W.C.: Supply Overhauls (ProfNote) **760**, 150.
Salerno, Allied Navies at Operation Avalanche--September 1943. H.K. Hewitt **607**, 959. **613**, 333.
Pictorial Section **607**, 1006.
Salinometer, Electric **338**, 554.
Salitter, Michael, and Ulrich Weisser: Shallow Water Warfare in Northern Europe **889**, 36.
Salmon, J.T.: Strategy for Thrift **417**, 1577.
Salmon, R. (artist)
American full-rigged ship Aristides--April 1965 Cover.
U.S. Cutter Hamilton in Gala Dress--August 1965 Cover.
Salmon Industry: Some Ships That Have Passed. M.A. Ransom **413**, 953.
Salomon, H., Jr.
Assignment in Japan **546**, 973.
Isthmian Interlude **565**, 269. **582**, 883.
Salpa (It.) **356**, 1527.
Salsig, E.B.: Operation Frostbite--Strategic Success **523**, 1199.
Salta (Arg.) **349**, 432.
Saltesea (SS) **356**, 1531.
Salt Lake City (USS) **330**, 752. **337**, 399. **341**, 967. **344**, 1416. **350**, 612. **525**, 1411.
Saltonstall, W.L.: Derelicts of the Sea (Giles) (C&D) **842**, 84.
Saltpeter: Nitrogen Question. C.E. Monroe **131**, 715.
Salty Lingo. Allen Blow Cook **631**, 1017.
Salutes
Dead, To: Origin **316**, 528.
Flag, To: Remarks **316**, 529.
Governors, Naval Salute to Two **291**, 634.
Origin **311**, 11.
Quarter-deck, To: Origin **277**, 561.
Salute to a Queen (Pict). F.O. Braynard **805**, 70.
Salute at 'Statia: See: Cover Pictures--June 1961.
Saluting Discipline **612**, 215.
Seagoing Customs. C. Lathrop **322**, 1066.
Speak **243**, 883.
Salvage **202**, 2087. **203**, 145. **228**, 289. **276**, 334. **329**, 670. **334**, 1161.
See also: Submarines--Safety Devices.
Allegheny (USS): R. Davison and D. Royce **242**, 631.
Andrea Doria Salvage Ship, Top Cat (Nbk) **731**, 138.
Back From the Bottom (ProfNote). M.C. Bartels **825**, 101. **829**, 102.
Black Tide of the Torrey Canyon (ProfNote). T.B. Wilson, Jr. **778**, 133.
British Submarine Salvage Vessel (illus.) **144**, 1649.
"Bubbles" Float a Sunken Vessel (Nbk) **778**, 152.
Cutting metal under water in salvage operations **149**, 273.
DeLong (USS): W. Nelson **234**, 1345.
Derelicts of the Sea (ProfNote). J.W. Giles **837**, 114. **842**, 84.
Destroyer Floated with Plastic Foam (Nbk) **753**, 152.
Fly-away, A Salvage Concept for Today's Navy (ProfNote) **871**, 100.
407 Torpedoed Ships Salvaged **185**, 1696.
France (FN) **249**, 1896.
French Submarine Salvage Vessel (1912): **141**, 310.
The Great Freeze, 1917-18 (OldNav). F.B. Thurber **709**, 152.
Harbor Clearance Unit 1 to Saigon (Nbk) **766**, 161.
Hauling 'em off before dinner. R.D. White **209**, 1079.
Hindenburg (SMS) **284**, 2086.
Kedging, Salvage by. J. Hanna **395**, 73.
Lafayette, Salvaging USS H.O. Austin **582**, 811.
Leonardo da Vinci (RIN). A. Guidoni **225**, 1689.
Liberte (FN) **267**, 825.
Life-saving apparatus and salvage appliances for submarines **144**, 1696.
Magnets for Raising Sunken Ships **182**, 895.
Navy May Take Over Sea Salvage Job (Nbk) **770**, 144.
New Concept in Salvage (ProfNote). D.A. Hurt, Jr. **783**, 132.
New Device for Raising Submarines (1917): **172**, 1300.
A New Method of Salving Sunken Ships (1917) **168**, 400.
Nimrod Spar: Clearing the Suez Canal. J.H. Boyd, Jr. **876**, 18.
Novel Salvage Apparatus **190**, 2849.
Odenwald Incident. E.F. Oliver **638**, 379.
Omaha: See: Omaha (U.S.).
Philadelphia (gondola): See: Philadelphia (U.S.).
Polyurethane Foam, a New Salvage Tool (ProfNote). W.L. Marshall **791**, 132.
Professional Notes. H.W. Biesemeier **650**, 453.
Raising Japanese Warships Sunk in War with Russia **115**, 749.
Raising Ships Sunk During the War (1917): **172**, 1293.
Raising the German Submarine UC12: **173**, 1612.
Recovery of bower anchor and...chain in deep water by the Michigan. C.F. Preston **156**, 503.
Refloating of the R.N. San Giorgio. R.D. White, Tr. (illus) **160**, 1933.
Return to Egypt (ProfNote). J.M. Lang **876**, 98.
Rejuvenation at Pearl Harbor. H.N. Wallin **526**, 1521.
Role of the Salvor. J.W. Giles **732**, 65.
Royal Savage: See: Royal Savage (U.S.).
S-11 (USS) Test **317**, 630.
S-19 (USS). R.B. Hilliard **270**, 1408.
S-48 (USS) **228**, 290.
S-51: See: S-51 (U.S.).
King, E.J. **288**, 137.
Saga of Cassin and Downes. J.D. Alden **695**, 33. **698**, 102. **704**, 117.
Salvage and Rescue Units: In Wake of Invasion. W.M. Heywood, Jr. **542**, 457.
Salvage of Argentine Naval Transport Pampa (illus). L.H. Chanler **183**, 987.
Salvage of the Gladiator (1908): **127**, 1061. **128**, 1330.
Salvage of Merchant Ships **187**, 2182.
Salvage Operation of USS Baldwin (DD-624) (ProfNote). F. Kalasinski **608**, 138.
Salvage Operations Mediterranean Contact **261**. L.B. Melson **772**, 26.
Palomares--Exercise in Ocean Engineering (ProfNote). W.F. Searle, Jr. **772**, 128. C&D: **781**, 114.
Salvage Operations on Submarine F-4. J.A. Furer (illus.) **160**, 1833.
Salvage Survey: Last of the Prinz? (ProfNote). W.I. Milwee and P.W. Wolfgang **861**, 119.
Salving Submarines (1913): **150**, 582.
Salving Sunken Submarines (illus) **157**, 950.
Salving the British A-3: **142**, 763.
Salving the Italian battleship San Giorgio (illus) **142**, 767.
Salving the Japanese cruiser Asama **165**, 1634.
Salving the SS Saint Paul **188**, 2393. **189**, 2650.
Salving the U.S. submarine H-3 (illus) **176**, 2367.
Scapa Flow **247**, 1499. **255**, 813. **259**, 1590. **261**, 1908. **262**, 2068. **273**, 2189. **286**, 2535. **342**, 1109.
Ship Salvage in the Navy (ProfNote). W.L. Marshall **756**, 137.
Ships That Wouldn't Stay Sunk **187**, 2192.
Silent Witness. E.F. Oliver **697**, 70. **701**, 103.
A Submarine for Raising Ships **186**, 1904.
Submarine Salvage Lighter **138**, 637.
Submarine Salvage Methods (1914): **151**, 908.
Submarine Salvage Vessel Anteo. Description; illustration **150**, 580.
Submersible Canvas Balloon to Raise Submarines (1912): **143**, 1111.
Tecumseh: Treasure in Mobile Bay (OldNav). J. Stokesberry **786**, 147.
Those Who Can... John J. St. John **680**, 50.
An Unusual Case of Ship Salvage (ProfNote). T.N. Blockwick **763**, 150.
VLCC AGround: Everybody's Problem (ProfNote). J.A. Atkinson **877**, 95.
Vessel Salvage Equipment **189**, 2648.
Young America. S.E. Moses (illus) **192**, 233.
Salvo Fire, Anomalous Times of Flight in. G.L. Schuyler **375**, 679.
Salzer, R.S.
High-Low (Zumwalt) (C&D) **890**, 80.
The Surface Forces **885**, 26. **889**, 75, 76. **890**, 84. **894**, 71. **895**, 92. **901**, 116.
Salzman, E.H. **458**, 557.
Sammons, E.P.: Just to Stay on the Safe Side (anec) **793**, 151.
Samoa
American Samoa. E.T. Pollock **295**, 1029.
Apia Hurricane of 1889. J.A.C. Gray **688**, 35. **693**, 105.
Canoes: Native Craft of Samoa. A.T. Emerson **381**, 1549.
For Honor of Flag. E. Snow **346**, 1661, 1704.
Hawaiian Navy and International Incident. A. Farenholt **446**, 517.
Hurricane, 1899: **295**, 948, 1041. **301**, 218, 253.
Churchill, William: Letter regarding Seumanutafa and Fa'atulia, and the USS Trenton **126**, 601.
Hawley, J.M. and Stengel, B.A. **442**, 1756. **444**, 308.
Hayden, E. **58**, 283.
The Vandalia's Flag **141**, 181.
Last Cruise of Trenton. J.H. Lloyd **295**, 948. **301**, 218.
Last Day of Captain Cornelius M. Schoonmaker. (OldNav). G.E. Wheeler **643**, 1022.
Life in Samoa. H.W. Blakeslee **445**, 345.
Maps **445**, 346, 348.
Naval Episode of 1899. T.T. Craven **301**, 185.
Naval Pooh-Bah. J.L. Jayne **244**, 983.
Pago Pago **295**, 1040.
Seumanutafa (Chief) **295**, 1043.
Should Government of, be changed. S.F. Bryant **331**, 834.
Wreck of Trenton (London Times) **295**, 953.

Sample, K.F.: Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **809**, 98.
Sampson, W.T. **331**, 880.
Department of Discipline at Naval Academy **52**, 173.
Face-Hardened Armor **72**, 818.
Outline of a Scheme for the Naval Defense of the Coast **49**, 169.
Sampson and Shafter at Santiago. L.J. Gulliver **436**, 799.
Sampson, William T.
Address at unveiling of Sampson memorial window at U.S. Naval Academy. A.T. Mahan **129**, 271.
Could Admiral Sampson Have Taken Havana? **125**, 362.
Obituary of Admiral Sampson. R. Wainwright **102**, 455.
Sampson Memorial Window
Ceremonies at unveiling of Sampson Memorial Window in U.S. Naval Academy Chapel **129**, 268.
Illustration and description of Sampson memorial window in U.S. Naval Academy Chapel **129**, 267.
Samuels, L.M.: Airplane Hydrography **316**, 508.
San Antonio (Texas Navy) **403**, 1306.
San Clemente Island , California: History of San Clemente Island. S.E. Flynn **476**, 1417.
Sanctions, Boycotts or Blockade--Economics in War of Today. B.O. Lisle **456**, 227.
Sand, J.C.: Case for Stabilized Crews in Destroyers (C&D) **734**, 113.
Sandberg, A.E. **579**, 541.
Sangberg, D.W. **574**, 1375.
Merchant Mariner Looks at Navy **562**, 1343.
Sandefer, H.L.: Proper Prior Planning and the Next Mayaguez (C&D) **870**, 85.
Sander, C.A.: Man Overboard 1960 (Prof-Note) **683**, 150.
Sanders, A.D.: Coast Guard Adopts Scuba Suits for Boat Crews (Prof-Note) **717**, 146.
Sanders, C.A.: Bloodless Weapon (Wyckoff) (C&D) **803**, 93.
Sanders, H. **327**, 439. **370**, 1782. **384**, 251.
Destruction of Prizes at Sea **391**, 1233.
First American Submarine **406**, 1743.
High-Low (Zumwalt) (C&D) **883**, 75.
Involuntary Inactivity (anec) **605**, 766.
King of the Oceans **858**, 52. **861**, 95. **866**, 75, 76, 77. **868**, 82. **869**, 79. **872**, 89.
Let the Trumpets Sound (anec) **809**, 39.
Night Fight Off Oran **791**, 56. **795**, 114, 115. **805**, 92. **814**, 83.
No Fix (anec) **611**, 75.
On His Way (anec) **608**, 1075.
Patriotism: Where? (Jordan) (C&D) **839**, 94.
Spirit That Wins **405**, 1567.
Straight to Point (anec) **594**, 875.
Superintendent Was an Understanding Man (anec) **782**, 33.
Sanders, S.G.: Solid Gold Chief (anec) **778**, 37.
Sanders, V.B.: High Steppers (anec) **762**, 95.
Sandford, L.R. **694**, 108.
San Diego Naval Complex (Pict). R. LaTourette **784**, 95.
San Diego--Navy Town (Pict). W.M. Powers **878**. 109.
San Diego (U.S.) **411**, 631.
Illustration **156**, 439.
Officers and Crew Exonerated **187**, 2196.
Sunk Off Fire Island **186**, 1934.
U-boat Captain Says He Torpedoed the San Diego **188**, 2453.
Sandler, Stanley: Technology and the Military **829**, 54. **839**, 100.
Sandlin, S.M. **770**, 108.
The Tangible Incentive **766**, 84.
Sandoval (Sp.) **547**, 1081.
Sandpiper (Eng.) **353**, 1072. **355**, 1370.
Sands, F.P.B.: Lieutenant Roswell H. Lamson, U.S. Navy (Port.) **129**, 137.
Sands, Joshua R.: Duel with Surgeon H.W. Basset **132**, 1189.
Sands, W.H.: Seasoning the Reserve Officer **496**, 675.
Sandsberry, J.C.
Against All Enemies (Hanks) (C&D) **809**, 89.
Civilianism, Civilianization, and the Military Services **837**, 62. **851**, 87, 89. **844**, 95. **846**, 95.
Sandwich Islands: M'Konochie, Alexander. Considerations on the propriety of establishing a colony on one of the Sandwich Islands (1816): **126**, 564.
Sandy Creek, Battle of: See: Old Navy, Page from.
Saneyuki, Akiyama: Akiyama Saneyuki and the Emergence of Modern Japanese Naval Doctrine. M.R. Peattie **887**, 60.
San Francisco Bay Tides. H. Leypoldt **439**, 1270.
San Francisco, California
Peruvian Landing Party, 1849: **428**, 1491. **431**, 147.
San Francisco Harbor One Hundred Years Ago. F.L. Oliver **590**, 385. **595**, 1024.
United States Navy and San Francisco Fire. J.E. Pond **595**, 983. **599**, 87.
San Francisco Exposition **354**, 1166.
San Francisco Naval Shipyard
See also: Hunter's Point Drydock (Old-Nav).
Pictorial **647**, 79.
San Francisco Story. B. McCandless **669**, 35.
San Francisco (USS) **354**, 1573. **443**, 149. **480**, 157.
Solomons Battle Log **723**, 120.
Sanger, C.R.: The Chemical Analysis of the Corean Guns at the Naval Academy **65**, 53.
Sanger, Grant: Freedom of the Press or Treason? **895**, 96. **898**, 77, 79. **900**, 82.
San Giorgio (It. battleship)
Courtmartial Result **151**, 855.
Description **126**, 718. **129**, 297.
Grounding and Salvage of the San Giorgio (illus) **142**, 767.
Grounding of San Giorgio near Messina (illus. map) **149**, 229.
Refloating of the. **160**, 1933.
Sangster, W.A.: Oil Pollution: No Solution? (Clingan) (C&D) **799**, 121.
Sanitary Commonplaces Applied to the Navy. A.L. Gihon **2**, 111.
Sanitation: See: Medicine and Surgery.
San Jacinto (U.S.) **423**, 680. **429**, 1626. **432**, 229.
Typhoon Lady. R.J. Lauer **556**, 635. **559**, 1059.
San Juan de Ulua: See: Forts.
San Juan Naval Station: Coaling plant **101**, 142.
San Marco (It.)
Armament of Italian Destroyer Leader **681**, 104.
Description **126**, 718. **129**, 297.
San Marcos (U.S): R. Moses **425**, 989.
San Pasqual, Battle of: Last Pathfinder: General Edward F. Beale, U.S. Navy (Retired). J.O. Stull **756**, 76.
San Saba (SS): Sunk **189**, 2670.
San Salvador: Revolt **349**, 449.
Sansone, W.T.: Domestic Shipping and American Maritime Policy (Nav-Rev) **855**, 162.
Sanspareil (HMS): Torpedo-Tubes Flooded **101**, 163.
Santa Anna (SS): Torpedoed **186**, 1942.
Santa Barbara: The Patroness of the Naval Bureau of Ordnance. R. Earle **184**, 1215.
Santa Catalina, Discovery of: See: Cover Pictures--August 1959.
Santa Clara (SS) **327**, 449.
Santa Cruz Islands, Battle of: Decisive Battle of Pacific War. W.E. Strope **519**, 627. **524**, 1347.
Sante Fe (Arg. sub) **345**, 1574.
Santa Lucia (SS) **358**, 1836.
Santa Maria (Port.): See: B.H. Brittin. Piracy--A Modern Conspectus.
Santa Maria (Sp.) **421**, 343.
Santa Maria (SS): Crew Praised for Gallantry **185**, 1675.
Santa Marta (Col. gunboat) **334**, 1139.
Santa Paula (SS) **353**, 1082. **354**, 1228. **356**, 1530.
Santa Paula (U.S.) **422**, 468.
Santa Rosa (SS) **347**, 128. **350**, 622. **356**, 1530. **358**, 1836.
Santee (song) **146**, 770.
Another Version **146**, 772.
Santee (U.S.) **411**, 632.
The Santee: An Appreciation. C.S. Alden (Illus) **146**, 762.
Santelli, J.S. (Co-author): See: G.M. Neufeld.
Santiago, Battle of
Adventures of Old Glory. W.E. Beard **289**, 318. **293**, 797.
Cost of Ammunition Expended **102**, 387.
Forty Years After. W.S. Meriwether **430**, 1765. **432**, 250.
Gloucester at Santiago. L.J. Gulliver **306**, 658.
Sailor's Log Off Santiago. J.A. Montgomery **306**, 728.
Sampson and Shafter at Santiago. L.J. Gulliver **436**, 799.
Squadron of Admiral Cervera. H.A. Gosnell **306**, 651.
Three Naval Campaigns--A Study in Disaster. P.R. Osborn **424**, 874.
Santiago, Blockade of. See: Darrieus, War on the Sea **125**, 226.
Santiago, Campaign of. Rodgers, W.L.: Campaign Against Santiago **113**, 103.
Santiago de Cuba, Battles and Capitulation of. Jose Muller y Tejeiro **89**, 81.
Santiago Harbor, The Mine Defenses of. E.E. Capehart **88**, 585.
Santiago, Lessons from **88**, 793.
Admiral Makaroff **88**, 791.
Santo Domingo **259**, 1588. **326**, 358. **353**, 1067.
See also: Dominican Republic.
Clash between Dominican Rebels and U.S. Marines, October 1916: **166**, 1995.
Martial Law in Santo Domingo, 1916: **167**, 212.
Operations Ashore. E.M. McClellan **216**, 235.
Santo Domingo Bandits Engage U.S. Marines, July 1918: **187**, 2236.
Santo Domingo Revolution (1916) Ended by U.S. Forces **164**, 1383.
When I Was on Old USS Biftick. K.C. McIntosh **205**, 393.
Sao Paulo (Braz. BB) **205**, 452.
Description **126**, 701. **135**, 858.
Launched; description **130**, 572.
Saranac (USCG cutter) **326**, 338.
Saratoga **237**, 1967. **262**, 2100. **268**, 1073. **285**, 2319. **299**, 54. **331**, 866. **332**, 946. **333**, 998. **336**, 234. **341**, 980. **342**, 1148. **343**, 1265. **344**, 1418. **345**, 1573. **347**, 123. **348**, 301. **353**, 1087.
1st (U.S. sloop) **358**, 1737. **377**, 949.

441, 1607.
3rd (sloop-of-war)
Third to Bear Name 577, 319.
Voyage to Japan, 1851: 137, 257.
4th (cruiser): See: New York.
5th (CV-3)
Lexington and Saratoga, The New Beginning. P.M. Craig 802, 84.
Saratoga and Squadrons. R. Wood 336, 234.
6th (CVA-60)
Building of the USS Saratoga. C.R. Hirschberger 675, 80.
Sara in the East. C.G. Reynolds 706, 75. 710, 110.
Sardegna (It. battleship): Target Practice School Established Aboard 128, 1338.
Sargasso Sea
Marmer, H.A. 299, 33.
Sargassum. T.N. Kelley 475, 1215.
Sargent, G.K., III: The Need for a New Morality (Mack) (C&D) 882, 74.
Sargent, H.L. 469, 405.
Education Before War 492, 133.
Sargent, K.N.: Coin of Individual Dignity 657, 1174.
Sargent, Margaret Holland (artist): Lieutenant Florence Pohlman, USN--October 1974 Cover.
Sargent, Nathan
The Evolution of Courts-Martial 27, 693.
The Petrel's Installation in Mantchuria during the War between China and Japan 75, 523.
Suggestions in Favor of More Practical and More Efficient Service Exercises 29, 233.
Sarpedon (HMS): Illustration; trials 148, 1744.
Sarrau, M.E.: Researches on the Effects of Gunpowder. 5 parts, 171 pages. J.F. Meigs and R.R. Ingersoll, Tr. 28, 1.
Sarre Problem 291, 612. 323, 80.
Sas, Anthony: Principles of War: A Thesis for Change (C&D) 789, 106.
Satellite Armed Forces: East European Alliance System. R.F. Staar 739, 26.
Satellite Communication Equipment: Navy in Satellite Field (Nbk) 743, 146.
Satellite Communications
in the Navy (ProfNote). M.D. Van Orden 771, 142.
Satellites Urged for Sea Navigation (Nbk) 767, 136.
Ships to Use Navigation Satellite (Nbk) 777, 147.
Satellite Countries
Albania: "Last Lonely Stronghold." L. Gardiner 776, 54.
Seapower and the Satellites (C&D) 812, 87.
Satellite Geophysics: Navigation-Geodetic System by Satellite (ProfNote). P.R. Winters 772, 131.
Satellites
Artificial Satellites
Naval Satellite Scans Sun's X-Rays (Nbk) 734, 161.
Secret Army Satellites Help to Map Earth (Nbk) 748, 172.
Tracking: U.S. Naval Space Surveillance System (ProfNote). D.L. Jones and E.A. Tessier, Jr. 773, 142.
Atom Device Powers New U.S. Satellite (Nbk) 730, 159.
Celestial Navigation by Artificial Satellites (ProfNote). A.B. Moody 710, 139.
Communications Satellite, "A Faint Flutter of Wing". J.J. Dougherty 784, 35. 787, 111.
Gyroscopes and Satellites. G.L. Dillman 311, 17.
Landsat: A Routine Problem-Solving Tool for Naval Officers (ProfNote). B.H. Needham 882, 94.
Navigating by Man-Made Stars. E.L. Castillo 694, 74.
Navy Satellite Communications. B.I. Edelsen and J.J. Dougherty 713, 67.
Navy Satellite to Set Time Standard (Nbk) 788, 159.
Project Transit--Navigation Satellite. R.F. Freitag 699, 77.
Satellites As Sub Detectors (Nbk) 727, 137.
Satellites in Navy Tests (Nbk) 765, 174.
Seapower and the Satellites. F.M. Murphy 801, 74.
Ships and Satellites. B.I. Edelson 724, 49.
Transit 4-B Ends Years of Silence (Nbk) 780, 140.
Weather Data Via Satellite (Nbk) 760, 154.
Satsuma (Jap. battleship)
Armament 129, 297.
Description 128, 1334. 142, 722.
Launched; description 121, 412.
Satterthwaite, E.J. 612, 223.
Saturation Diving. R.C. Sheats 835, 54. 846, 89.
Saturn (USS) 239, 91.
Saturnia (motor ship) 298, 1332.
Saufley, R.C.
Aeroplane Accidents: Causes and Remedies 164, 1117.
Naval Aviation: Its Value and Needs 153, 1459.
Seaplanes: Types Needed in the Navy 159, 1535.
The Work Ahead of Naval Aviation 156, 505.
Saumarez, J.: Nelson and Saumarez. H.P. Martin 563, 65.
Saumarez and the Haguro (OldNav). D. Calnan 788, 147.
Saunders, Ann, of Frances Mary 405, 1629. 406, 1816.
Saunders, Sir Charles: See: Capture of Quebec in 1759. J.F. Shafroth.
Saunders, D.M. 779, 101.
The Bari Incident 775, 35.
Biological/Chemical Warfare Challenge 751, 44. 754, 117. 757, 118.
Saunders, F.H.: In VS, the Enemy Has Been Found and the Enemy Is Us (Chapell) (C&D) 890, 83.
Saunders, G.D.
Containers and Containerships 722, 58.
Japanese Maritime Traffic Safety Law: A Workable Compromise (ProfNote) 852, 105.
Land Bridge Comes of Age 850, 38.
Land Bridge, From Sea to Shining Sea 797, 44. 801, 127. 856, 100.
New Roll-on/Roll-off Service (ProfNote) 784, 135.
Reserve Officers and Promotion 784, 67. 788, 111. 789, 109.
Shipboard Seminars for Reserves (ProfNote) 726, 125.
Saunders, H.: Photography Under Water 304, 501.
Saunders, Harold E. (Joint author): See: Byrd, R.E., and Saunders, H.E.
Saunders, P.G.: He's Not Here (anec) 768, 49.
Saur, J.M.: After Me, You Come First! (NAMB) 877, 128. 881, 80, 81.
Savage, F.A. 250, 2048.
Suggestion for the use of battleships in reverse 151, 809.
Savage, G.O.: Printed Treasures in Library, Naval Observatory 333, 977.
Savage, L.C.
Bear Ho! Broad on the Starboard Bow (anec) 658, 1307.
Forced Attrition (anec) 695, 59.
Relax--Be the Target (anec) 695, 67.
They Went Thataway (anec) 699, 75.
Useful File (anec) 696, 143.
When in Doubt (anec) 695, 158.
Savage, W.H., Jr.: Military Aid and Comfort to Dictatorships (Victor) (C&D) 801, 113.
Savannah (SS) 328, 553.
Savannah (U.S.) 366, 1236.
Atom Ship's First Cargo (Nbk) 754, 160.
Commercial Use of A-Ship (Nbk) 749, 147.
First Atomic Ship Will Be Retired (Nbk) 770, 154.
The New Savannah. F.O. Braynard 684, 71.
Ocean Research Mission Investigated For (Nbk) 805, 126.
Savannah Called "White Elephant" (Nbk) 760, 170.
Savannah Defenders Protest Lay-Up (Nbk) 771, 157.
Savannah Held "Obsolete" Ship (Nbk) 737, 149.
Savannah Is Nuclear Refueled (Nbk) 792, 156.
Savannah Kept in Service (Nbk) 775, 157.
Savannah, Pioneer Merchant Ship. R.L. Bachman 703, 81.
Savannah's First Mate 676, 108.
Savannah, 1819 (U.S.) 667, 105.
See also: Cover Pictures--December 1957.
Savidge, P.S., Jr. 488, 1364. 490, 1608.
Saville, A.W. 657, 1237. 692, 110. 703, 103.
German Submarines in the Far East 702, 80.
The O-5 Is Down! (Grigore) (C&D) 837, 94.
Saville, Allison (joint author): See: Herzog, Bodo.
Savings
Ensign's Budget. J. Snedeker 310, 1080.
Saving and Investment. T.C. Kinkaid 255, 783.
Savings Program for Naval Officer. J.R. Fredland 562, 1355. 569, 791.
Strategy for Thrift. J.T. Salmon 417, 1577.
Savo Island, Battle of
Jarvis: Destroyer that Vanished. J.C. Shaw 564, 119.
Ohmae, Toshikazu 658, 1263.
Sawyer, A.G.: Paintings 380, 1396. 381, 1642.
Saxifrage: See: President.
Saxten, J.A. and L.G. Ditta: Marine Corps of 1973: 719, 113.
Say, H.B.
Censorship and Security 600, 135.
Comfort to Enemy (anec) 589, 255.
Mainbrace--Potential Becomes Reality (Pict) 599, 75.
Navy's Speech Control Has Worked 724, 74.
Safety in Skies 547, 1111.
"Satisfactory" Not Enough 737, 82. 741, 111.
They Pioneered Channel to Tokyo 513, 1295.
Watch Who You Can Yerrow, Flank! (anec) 790, 36.
Sayre, F.B., Jr.: Steady as You Go!" 886, 110.
Sayville Wireless Station: Communication First Established with Nauen 150, 600.
SC-64 (U.S.) 455, 149.
Scambos, T.T. (BkRev) 743, 112.
Scammel (USS): See: Farenholt, A. 128, 1279.
Scammell, J.M. 358, 1847.
Army-Navy Fusion a Mistake 256, 999.
Combined Staff 224, 1553.

Scammell, J.M. (Cont.)
Early Indoctrination of Recruits **247**, 1447.
Earliest Naval Operations **359**, 39.
Higher Naval Education **231**, 753.
Industrial College of Armed Forces **529**, 295.
Military Genius and Naval War College **251**, 61.
Nation in Arms and National Doctrine **271**, 1684.
Perseus and Sphinx or Science and War **288**, 179.
Program for Naval History **235**, 1542. **240**, 315.
Separate Aviation Service a Mistake **256**, 1018.
Survival of British Empire: 1792-1812, 1914-1940: **456**, 211.
Thucydides and Sea Power **219**, 701.
War and Peace in Other Days **358**, 1754.
Scandinavian Defense: NATO's Northern Flank. D. Wettern **797**, 52.
Scandinavian Defense Policies: Nordic Balance in the 1970s. A.L. Romaneski **846**, 32. **850**, 90.
Scanland, F.W. **697**, 114.
Scanland, Worth: Stand by...Vote **724**, 40. **728**, 121.
Scanlon, J.H. **70C**, 122.
Scapa Flow
See also: European War, Surrender of the German Fleet; Salvage.
Damage Settlement **204**, 311.
Der Tag. J.F. Hellweg **231**, 703.
England **201**, 1913.
Germany **203**, 149.
Fleet: See: Germany-Navy.
Scapa Flow
Ruge, Friedrich **682**, 76.
von Bercham, B. **357**, 1583.
Von Reuter **226**, 1948.
Scapa Flow ills **357**, 1589-96.
Scapa Flow--1913-1957. D. Wettern **658**, 1320.
Scarborough, J.B. **311**, 79. **591**, 567.
Weight of Sea Water and Its Variation With Salinity and Temperature **326**, 299.
Scarborough (Eng.) **356**, 1524.
Scarceriaux, P.E.R.: U-Boat Off Our Coasts (C&D) **756**, 109.
Scarey, J.D.: Star Time (anec) **700**, 159.
Scawthorn, N.H.
False Economy in Manpower (C&D) **731**, 103.
For Pete's Sake, Don't Snap It! (anec) **742**, 73.
Schaaf, T.W. **610**, 1373.
Book Reviews **740**, 109. **743**, 113. **748**, 127.
It's An Ill Wind (anec) **798**, 53.
Schaak, Allen: Prestige on the Lower Deck (C&D) **753**, 122.
Schad, H.G.: We Can Talk Our Way to Safety (ProfNote) **688**, 144. **693**, 111.
Schade, A.F. **710**, 121.
Book Review **732**, 122.
Merchant Marine and National Security **695**, 84. **704**, 120.
Schade, H.A. **441**, 1636. **445**, 417.
Schaefer, H. (joint author): See: Ley, W.
Schaefer, L.H.: You Have a Call, Sir (anec) **787**, 59.
Scharfen, J.C.: Sailor on Horseback (anec) **740**, 59.
Scharnhorst (Ger.) **451**, 1247. **471**, 744. **551**, 35.
Plans; description **160**, 1913.
Saga of the Scharnhorst. W.L. Robinson **499**, 1143.
Scharnhorst-Gneisenau Team at Its Peak. Peter Handel-Mazzetti **642**, 852.
Sinking of the Scharnhorst. Karl-Hinrich Peter **635**, 48.
Schatz, A.D.: "DesRon Airedale, Arriving" (ProfNote) **895**, 115.
Schedel, C.W. **704**, 114.
Blue Water Monitor (Knowles) (C&D) **846**, 96.
U.S. Monitor Patapsco (Thompson) (C&D) **794**, 116. **803**, 104.
U.S. Navy Colliers (C&D) **774**, 102.
Scheifley, W.H.: Rivalry in Wireless Expansion **279**, 1005.
Scheina, R.L.: Latin American Naval Purpose (ProfNote) **895**, 116.
Scheldt River **201**, 1943.
Schelin, T.C.
Attack Carriers: The Human Equation **864**, 26. **868**, 84. **870**, 88. **873**, 80.
The All-Volunteer Army: Too High a Price (Kohn) (C&D) **863**, 76. **868**, 80.
Electronics PMS: The Unkept Promise **862**, 48. **868**, 80, 81.
Scherf, P.H., Jr.
Let the Naval Academy Join the Navy (Oliver) (C&D) **892**, 88.
Naval Aircraft in the Next Decade (De La Mater) (C&D) **860**, 86.
Those Storm-beaten Ships, Upon Which the Arab Armies Never Looked (Miller) (C&D) **874**, 76.
Schiff 45 (Komet), Cruise of. A.E. Sokol **579**, 477. **581**, 763.
Schilling, Kenneth **703**, 102.
Dreadnought (C&D) **770**, 109.
Schimke, E.A. **555**, 591.
Schimm, J. **416**, 1482. **428**, 1490.
Deviations by Watch **407**, 74. **409**, 451.
Schindler, W.G.: I'll Take the Conn (anec) **667**, 31.
Schinke, D.G.: Ensign (anec) **612**, 197.
Schirmeyer, T.G.: Speed, Swells, and Damage--Who Pays? **415**, 1275.
Schjøttelvig, Ragnar **660**, 107.
Schlaff, R.J.
The 1100: He Flies Not; Neither Does He Sink (Nelson) (C&D) **836**, 92.
Schlang, L.H.
CHD--Heart of Military Readiness (Vieweg & Lee) (C&D) **850**, 90.
Retention: The High Cost of Leaving (Fredland) (C&D) **809**, 109.
Schlecht, Richard (artist): Schooner Lanikai--September 1973 Cover.
Schlembach, J.E.: Who's for Seconds on Dessert? (anec) **658**, 1326.
Schlesien (Ger. battleship): Sunk by German Revolutionists **190**, 2872.
Schlesinger, J.R.: "A Sense of History... A Sense of Values" (Nbk) **875**, 108.
Schleswig-Holstein (Ger. battleship): Launched; description **121**, 398.
Schley, W.S.: Official Report of the Behavior of the USS Baltimore **62**, 235.
Schlögl, John G. **630**, 942.
Schmalenbach, P.S., and J.E. Wise, Jr.: Prinz Eugen Album (Pict) **798**, 87. **802**, 111. **804**, 90.
Schmeider, L.R.: Last Days of Peace in Pearl Harbor (C&D) **826**, 85. **844**, 92.
Schmidt, C.H.: Navy: Its Contact with Congress **360**, 239.
Schmidt, J.A. **682**, 106. **698**, 113.
Be My Guest (anec) **711**, 89.
Fractured Drama (anec) **759**, 71.
Kindness Will Sometimes Work Wonders (anec) **680**, 55.
Restless Mind (C&D) **741**, 107.
Routine Landing (anec) **684**, 47.
This Is No Drill (anec) **715**, 63.
When Lateness Was a Virtue (anec) **729**, 75.
Schmidt, J.W. **527**, 77. **709**, 104, 105.
Capturing Sail on Canvas (Pict) **706**, 84.
Santee--December 1961 Cover.
Schmidt, Steve: Electronic Age (anec) **686**, 97.
Schmidtkunz, J.E.
End of an Era (Beavers) (C&D) **840**, 92.
They Are Not Expendable (Weseleskey) (C&D) **833**, 101.
Schmiedl, S.J.: Reporting for Duty, Sir (anec) **686**, 81.
Schmitt, F.P.: Neptune's Post Box (OldNav) **888**, 68.
Schmitt, P.B.: Congreve War Rockets 1800-1825 (C&D) **785**, 104.
Schmitt, William T.: A Day to Remember (OldNav) **875**, 64.
Schneider, H.J., Jr.: Monkey Fists, Fox and Geese, and the New Ensign (ProfNote) **803**, 117. **809**, 105, 106.
Schneider, M.B.: SABMIS and the Future of Strategic Warfare **797**, 26. **801**, 118, 119. **806**, 93.
Schneider, Raymond J., Jr.: The Knox-class Frigate--A Reassessment (Buell) (C&D) **878**, 82.
Schneider Cup: See: Aeronautics Records.
Schneider Cup Races
Italy's Splendid Victory (ProfNote) **287**, 104.
ProfNote: **321**, 999.
Sidelights on the Schneider Contest (ProfNote) **324**, 154.
The State and the Schneider Trophy (ProfNote) **323**, 71.
U.S. Wins the Schneider Cup Race (ProfNote) **250**, 2086.
Schnell, F.H.: First Long Range High Frequency Radio Tests **295**, 965.
Schnell, F.H. and Hoffman, W.H.: Experimental High-Frequency Radio Tests for Aircraft **306**, 663.
Schnorf, R.A. **700**, 108. **728**, 131.
Schoech, W.A. **724**, 121.
Schoeffel, M.F.
Objective in Aerial Warfare **420**, 163.
Tactics of Large Aircraft Forces **361**, 376. **364**, 881.
Schofield, B.B.
Aftermath of the Elath (Colvin) (C&D) **805**, 87.
Alliance Diplomacy in Limited Wars (C&D) **776**, 102.
Anglo-French Seaborne Deterrent Force (ProfNote) **850**, 107.
At Full Stretch **746**, 36.
Book Review **757**, 126. **796**, 116. **802**, 133. **815**, 89. **817**, 95.
Britain's Postwar Naval Policy **663**, 75. **671**, 112.
Clausewitz, Cuba, and Command (C&D) **747**, 120.
Collective Security and the Defense of Shipping **793**, 36. **798**, 115.
End of the Wine Mess (Baldwin) (C&D) **675**, 100.
Loss of the Bismarck (Garzke & Dulin) (C&D) **859**, 102.
Malta--Maritime Base for Rent (ProfNote) **838**, 111.
The Paper Torpedo (Hanks) (C&D) **800**, 114.
Ready For His Reincarnation (anec) **666**, 91.
Role of the NATO Navies in War **698**, 65.
Sentinels at the Bridge **776**, 48. **782**, 104.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **752**, 106.
Tomorrow's Warships, Their Cost and Their Value **815**, 43.
Schofield, F.H.
Heart of Navy **308**, 834.
Incidents and Present Day Aspects of Naval Strategy **243**, 777.
Naval Strategy **259**, 1408.
Schofield, J.A. **425**, 1037.
Naval Reserve Force **259**, 1453.
"School of the Boat" for the Nautilus. D.L. Axene **633**, 1229.

Schoolmaster, Service. M.E. Barker **386**, 501.
Schools: Our Imperiled State Maritime Academies. W.B. Hayler **832**, 50. **838**, 88.
School Ships
See also: Training Ships.
France **336**, 256. **337**, 401. **339**, 680.
Germany **338**, 542.
Japan: Taisei Maru **355**, 1380.
Nautical **349**, 437. **351**, 776. **354**, 1228. **355**, 1280.
United States **335**, 109. **346**, 1720.
Schooner, Steam, Sagas. J.C. McNairn **473**, 943.
Schooners **323**, 49. **335**, 109.
Schoonmaker, W.M.: Naval Uniforms **350**, 517. **355**, 1350.
Schornstheimer, G. **433**, 406. **439**, 1338. **443**, 102.
Japan's Navy After 'Quake **255**, 818.
Super-Navy: U.S. Navy **224**, 1559.
Schrader, A.E. **373**, 413.
Tide Diagram **206**, 577.
Schrader, Rudolf: SACLANT ASW Research Center (ProfNote) **755**, 143.
Schram, S.R. (Tr.) **775**, 122.
Schratz, P.R. **612**, 211. **695**, 123. **700**, 95. **722**, 117. **724**, 129.
After Communism, What? **689**, 38.
Book Reviews **739**, 120. **747**, 126. **758**, 143. **768**, 122. **771**, 132. **775**, 125. **780**, 108. **790**, 128. **844**, 99. **862**, 95. **863**, 79. **868**, 83. **869**, 87. **896**, 79. **890**, 93.
Caesars, Sieges, and Anti-Ballistic Missile **781**, 24.
Cheery Aye, Aye, Sir! (anec) **638**, 377.
Clausewitz, Cuba, and Command **738**, 24.
Easy Does It (anec) **713**, 51.
High-Low (Zumwalt) (C&D) **889**, 80.
"I am the Two-Headed Ogre..." (Keener) (C&D) **886**, 87.
Ivy-Clad Man on Horseback **745**, 42. **749**, 106, 107.
A Look at Civilian Control **712**, 35.
Military Pulse in Soviet Politics **776**, 76.
The Military Union Card **892**, 25. **895**, 85. **896**, 66. **898**, 83.
Professionalism and Writing (Brezina) (C&D) **811**, 98.
Reason Enough (anec) **711**, 144.
Red Star Over the Southern Sea **808**, 22.
Role of the Service Secretary in the National Security Organization **871**, 18. **875**, 67.
Sea Power and Sea Law (C&D) **738**, 116.
Schratz, Paul
Guardians of Sea Power (Beebe) (C&D) **895**, 91.
Nuclear Carrier and Modern War **834**, 18. **838**, 88. **842**, 86.
Schreadley, R.L. **863**, 78.
Lost Sheep: Our Navy in the World of Good Intentions (ProfNote) **852**, 110. **857**, 85, 87.
Mine Countermeasures: Who's Fooling Whom? (McCoy) (C&D) **874**, 80.
The Mine Force--Where the Fleet's Going, It's Been **859**, 26. **864**, 76. **868**, 77.
Naval War in Vietnam, 1950-1970 (Nav-Rev) **819**, 180.
"Nothing to Report," A Day on the Vam Co Tay **814**, 23.
Sea Lords **810**, 22.
Schreiber, T.S.: German Remotely Piloted Bombs (Bogart) (C&D) **892**, 93.
Schretzman, W.F.: Assignment to New Construction (C&D) **757**, 119.
Schrode, M.G., Jr.: Red, Right, Returning (anec) **808**, 51.
Schroeder, Seaton
See also: Correction **171**, 898.
Edison Electric Light on Board the Albatross **29**, 313.
Electro-Mechanical Battle Order Telegraph **92**, 747.
Gleanings from the Sea of Japan **117**, 47.
On Battle of the Sea of Japan **117**, 321.
On "Can the graduation of compass into points be dispensed with?" **160**, 2007.
On increasing the size of battleships **195**, 807.
On logistics... **170**, 772.
Personal error in estimating the direction of sound **115**, 603.
The Type of (I) Armored Vessel, (II) Cruiser, best Suited to the Present Needs of the United States. Honorable Mention, 1881: **15**, 85.
A U-Bow Section and a Long Buttock Line **21**, 387.
The USS Vesuvius, with Special Reference to her Pneumatic Battery. Prize Essay, 1894: **69**, 1.
Watch, Quarter and Station Bills **90**, 335.
Schroeder, W.A., Jr. **729**, 104.
See also: V.J. Lemmon.
Schubert, P. **361**, 421. **365**, 1047.
Schueren, C.T.: Land Sailors **502**, 1487.
Schuler, J.L.: Coming--Better Landing Craft (ProfNote) **803**, 122.
Schultz, F.B.: Surface Ship Overhauls (C&D) **763**, 121.
Schultz, G.F.: Incident in Baltic **448**, 854. **450**, 1167.
Schultz, J.H. **558**, 942.
Schultz, K.: British Assault on Ostend and Zeebrugge **317**, 573.
Schultz, R.T. **698**, 116.
Schulze, R.H.: What Shall We Wear? (C&D) **802**, 116. **806**, 95. **813**, 88.
Schultz-Torge, Ulrich: The Kiev: A German View (ProfNote) **891**, III. **897**, 80.
Schumacher, T.L.
Leviathans of Antiquity **265**, 446.
Protection Against Under Water Attack **246**, 1261.
Sea Service for Naval Constructors **257**, 1055.
Schuman, William **642**, 880.
Schuon, K.A.: Force in Readiness (Pict) **705**, 90.
Schurz (SS): Sunk in collision with SS Florida **186**, 1931.
Schurz (U.S.)
ex-Geier (Ger.) **379**, 1279.
former SMS **343**, 1210.
Schuster, T.F.: Newsman in Vietnam (Blanchard) (C&D) **800**, 110.
Schute, J.W.: Wartime Training for Merchant Marine Officers (ProfNote) **817**, 102. **821**, 98. **823**, 95.
Schuyler, G.L. **271**, 1740. **329**, 669. **370**, 1785. **371**, 98. **520**, 843.
Anomalous Times of Flight in Salvo Fire **375**, 679.
Bombing Radius Affected by Wind **274**, 2242.
Distribution of Shots in Long-range Salvos **311**, 24.
Empirical Representations of Experimental Data **347**, 88.
Off-shore Positions by Sextant Altitudes of Mountain Peaks **228**, 259.
Pattern Sizes in Formation Bombing **334**, 1126.
Size and Spacing of Units in Certain New Large-Scale High Explosive Depots **323**, 31.
Some Sound Phenomena Connected with Gunfire **217**, 345.
Use of Nomograms **218**, 547.
Schuyler, Garret L.
Accuracy of Pointing at Long Range **172**, 1207.
Application of the Le Duc ballistic formula **157**, 905.
Mathematical justification for omitting the seconds from navigational sights **148**, 1551.
Note on salvo dispersion **139**, 1005.
Notes on the errors of stadimeters **130**, 553.
On "dispersion and accuracy of fire." **144**, 1611.
On rapidity of gun fire **147**, 1318.
Relation of mean dispersion to total size of salvo pattern **172**, 1213.
Schwab, E.L. **691**, 119.
Schwab, R.S.: Narrow Escape (anec) **761**, 99.
Schwabenland (Ger. MS) **427**, 1255.
Schwartzkopf, G.P.: The Mine Force--Where the Fleet's Going, It's Been (Schreadley) (C&D) **863**, 78.
Schwass, E.R.
Demotion of Professionalism at the War Colleges (C&D) **748**, 110.
The Military and the Media (White) (C&D) **863**, 82.
Schwatka, F.: Ice Navigation **14**, 355.
Schweiker, R.R.
The DX Competition (Devanney) (C&D) **876**, 75.
We Make Our Ships Ugly by Design (Sims) (C&D) **864**, 83. **876**, 75.
Science
Navy's "In-House" Research Laboratories. C.O. Holmquist and R.S. Greenbaum **708**, 68.
New Age of the Sea. P.B. Yeager **700**, 38.
Review, 1919: **204**, 305.
Science and Navy. F. Green **236**, 1697.
Science, Security, and Signal-to-Noise. H.B. Sherry **666**, 31.
Scientific Aspects of Navy **404**, 1459.
Scientific research: Naval Research--the Brain Game. C.O. Holmquist **859**, 44.
Scientific Resources--Limited. Mark Jones **726**, 52.
Scientists Directory, International. Book Notice **20**, 330.
Sclerosis, Coronary. G.W. Calver **379**, 1214.
Scoggins, O.: Mexican Escuela Naval Militar del Pacifico **478**, 1695.
Scoles, A.B. **406**, 1769.
Scorpion (USS) **295**, 969.
Interned by Turkey **171**, 1078.
The Scorpion in Turkish Hands **188**, 2474.
Scotland: Forth Bridge, Queensferry **348**, 293.
Scott, Admiral Sir Percy, and British Naval Gunnery **565**, 328.
White, J.F., Jr. **554**, 449.
Scott, L.B. **330**, 750.
Scott, L.S.: Combat Readiness Training (Kusewitt and Speer) (C&D) **813**, 83.
Scott, Norman: Solomons Battle Log **723**, 120.
Scott, G.H.: Handling and Mooring Airships **316**, 542.
Scott, G.W. (co-author): See: V.G. Reiling, Jr.
Scott, H.S.: Naval Communication Reserve **445**, 369.
Scott, J.D.
Just Watch Me, Boys (anec) **744**, 94.
Okinawa, No Hiding Place Off **657**, 1208.
An Untold Story (anec) **769**, 63. **775**, 112.
Scott, James (artist)
A-4 Skyhawk Approaching Carrier--November 1967 Cover.
Gunboat on the Saigon River--May 1968 Cover.
Taxi Director--CVA-41--July 1969 Cover.
Scott, P. **250**, 2054. **263**, 113.
and gunnery of British Navy. H.A. De Weerd **331**, 815. **333**, 1031.

Scott, R.: Simplified Method for Identifying Stars **497**, 867.
Scott, R.L.: Modern Destroyer Bridge Design **780**, 44. **784**, 113. **787**, 102, 103, 104, 105. **789**, 115.
Scott, S.: Three Functions and Three Needs of Naval Reserve **260**, 1646.
Scott, Sir Percy M.
On training ranges and long range firing **112**, 833.
Sketch of Career (Illus) **146**, 855.
Scott fire-control system: Description **138**, 653. **140**, 1450. **144**, 1677. **145**, 397. **146**, 877.
Scout, New Type of. R.P. Beebe **399**, 679.
Scouting, Night, with listening devices. H.H. Frost **211**, 1449.
Scouting and Screening
Employment of Torpedo Vessels in Night Search. L. Vannutelli. Tr. by W.N. Jeffers **155**, 89.
Scouting and Screening Operations. W.S. Pye (maps) **147**, 1139.
Scouting Fleet, Base for. H.O. Hunter **294**, 843.
Scouts
British Scout Cruisers (1909): **132**, 1311.
British Scouts 1902-3: **104**, 971. **106**, 470. 1910: **133**, 277. 1913: **146**, 852.
Description of 1905 U.S. scouts **114**, 518.
Efficiency of Scout Ships (1905): **114**, 526.
First British Fleet Scout, HMS Forward **112**, 852.
First U.S. Scouts, 1904: **112**, 878. **113**, 234.
Flotilla Leaders and Big-Gun Scouts **163**, 986.
Historical instances of scouting. (map) **108**, 917.
Lecture on Scouts. C.F. Goodrich **107**, 569.
Naval scouts: their necessity, utility, and best type (illus). R. Earle **158**, 1099.
The Scout (photograph) **167**, 141.
Scouts and Their Critics (1904): **111**, 667.
Super Scout Cruisers **160**, 2032.
Scovel, Don: the Effect of Public Opinion Upon National Security Policy (NavRev) **867**, 118.
Scows, Now We Scoff at. H. Trott **420**, 175.
Scraps for Old Sea Bags. W.E. Beard **306**, 647.
Screening: Aptitude Screening of Naval Recruits (ProfNote). H.J. Connery and R.R. Waite **744**, 143.
Screws
See also: Propellers.
Trials of Screws on the Prometheus **100**, 765.
Screw Threads
Dardalet Self-Locking **333**, 1045.
Grinding Screw Threads **182**, 859.
Scribner's: Quoted on Soviet 5-year plan **334**, 1158.
Scurvy
Influence of, upon Maritime History. L.H. Roddis **445**, 330. **448**, 917. **450**, 1167.
Million Seamen Were Slain. L.W. Johnson **584**, 1029. **588**, 198.
Scuttle Ship Attempts: A Day in Hawaii. J.H. Skillman **386**, 496.
Scythia (SS) **354**, 1230.
Sea **328**, 570.
Physical characteristics of the ocean depths. G.W. Littlehales **191**, 45.
Sea, Air, Land Teams (SEAL): Almost Beyond Human Endurance. W.M. Powers **898**, 60.
Sea and Sea Power, The. H.A. Herbert **79**, 561.
Sea as Career. F. Riesenberg **279**, 1005.
Seabag, New Type **538**, 1557.
Seabarge Carriers: Lydes Seabarge Model Shown (Nbk) **775**, 155.
Sea-Based Anti-Ballistic Missile Intercept System: SABMIS and the Future of Strategic Warfare. M.B. Schneider **797**, 26. **801**, 118, 119.
Sea-Based Strategic Deterrent Forces: The Only Option? (C&D) **830**, 96, 97.
Sea Bases: Mobile Sea Base Systems in Nuclear Warfare. J.H. Smith, Jr. **624**, 131.
Seabear (HMS) **226**, 1952.
Sea-bed and Ocean Floor
The Paper Torpedo. R.J. Hanks **795**, 26. **800**, 114. **801**, 125. **805**, 94.
Territorial Sea: A Wider View (ProfNote). G.B. Cooper **854**, 113. **858**, 84.
What's Going on Down There? W.H. Kumm **842**, 37. **846**, 91.
Seabed
President Offers Compromise Solution to Seabed Problem (Nbk) **810**, 129.
Seabed Arms Talks Continue to Show Progress (Nbk) **814**, 104.
U.S. and Russia Agree on Treaty Banning Nuclear Weapons on Seabed (Nbk) **804**, 130.
Who Owns the Ocean Bottom? (Nbk) **769**, 142.
Seabees
See also: Cover Pictures--March 1962.
Civil Engineers, Seabees, and Bases in Vietnam (NavRev). C.J. Merdinger **807**, 254.
Dust and Mud and the Viet Cong. D.L. Browne **811**, 52.
Flame-Throwing Seabees. G.F. Unmacht **542**, 425.
Pictorial Section **561**, 1281.
Seabee Brigade Recommissioned (Nbk) **763**, 154.
Seabees at Dong Xoai "...a New Kind of Fighting Man." W.D. Middleton **827**, 30.
Seabees in Diplomatic Service (ProfNote). R.J. Barrett **766**, 151.
Seabees In Vietnam. W.D. Middleton **744**, 54.
Seabees in World War II. B. Moreell **709**, 85.
Seabee Supply Was Big Business. J.L. Howard **527**, 41.
Seagoing Stevedores. E. Pinkowski **525**, 1429.
Segi Man. G. Van Deurs **668**, 56.
Spaulding, E.J. **478**, 1724.
Spies Open New Worlds for Seabees (Nbk) **750**, 148.
Teaming Up to Build a Nation. A.N. Olsen **800**, 34.
To Build a Link--Seabees at Diego Garcia (ProfNote). D.W. Urish **842**, 101.
Seaborne/airborne concept: Seaborne and Airborne Mobility in Europe (NavRev). J.L. Moulton **855**, 122.
Seaborne Anti-Ballistic Missile Intercept System (SABMIS)
After Vietnam. R.E. Williams, Jr. **806**, 18. **813**, 87.
Case for Oceanic Strategy. G.E. Lowe **784**, 26.
Seabring, C.S. **560**, 1182. **581**, 768.
Diesel Encomium **550**, 1505.
Seaconnet (SS): Sunk by Mine **164**, 1368.
Sea Control
Missions of the U.S. Navy. S. Turner **862**, 18.
Sea Control Ship and the Navy Mission (C&D) **853**, 92. **876**, 81, 82.
Sea Control Aircraft: The Case for the Chopper. R.H. Klippert, Jr. **866**, 46.
Sea-Control Concept Receives First Helicopter ASW Squadron (Nbk) **828**, 123.
Sea Control Mission: The Rigid Airship in the Sea Control Mission (ProfNote). B.B. Levitt **887**, 108. **896**, 74.
Some Heretical Thoughts on a Sea Control Weapons System (ProfNote). A.W. Sear, Jr. **846**, 114. C&D: **853**, 93. **857**, 90.
Sea Control Ship
Future of Navy VTOL Systems. J.B. Kusewitt, Jr. **847**, 25.
Instant Sea-Control Ships (C&D) **835**, 88.
Role of the Carrier in Control of the Seas (NavRev). S.T. De La Mater **831**, 110.
Sea Control Ship (C&D) **839**, 96.
Sea Control Ship Concept: Down the Drain (C&D) **870**, 91. **871**, 82. **876**, 81, 82.
Sea Control Ship Concept Test Underway With USS Guam (Nbk) **828**, 123.
Sea Control Ship System (ProfNote). D.V. Cox **830**, 113.
View From the Bridge--1980 (ProfNote). F.A. Hill, III: **823**, 103.
"Sea Courts" and the U.S. Navy (C&D) **839**, 91.
Sea Dragon (junk): R. Halliburton **440**, 1529. **446**, 501.
Seadromes
Armstrong **318**, 728. **319**, 817. **329**, 653.
Atlantic, French View **325**, 246.
Sovereignty **340**, 836.
Westfalen (SS) **357**, 1685. **358**, 1842.
Seafloat--Vietnam: River Power (ProfNote). T.R.M. Emery **810**, 117.
Seager, Robert II (BkRev) **872**, 102.
Seagoing Aircraft. S. Ballou **261**, 1795. **263**, 103.
Seagoing Customs. C. Lathrop **311**, 11. **322**, 1066.
Sea Grant College Program (ProfNote). Claiborne Pell and Fitzhugh Green **775**, 143.
Seagraves, R.W.A.: NILO--Naval Intelligence Officer in Vietnam (ProfNote) **790**, 145.
Seagren, L.W.
Last Fuehrer **615**, 523. **620**, 1157.
V/STOL in the Navy (Michaelis) (C&D) **792**, 109.
Sea Gull (U.S.) **377**, 950. **473**, 967.
Seahorse (HMS) **337**, 398.
Seakeeping Ability: Destroyer Seakeeping: Ours and Theirs. J.W. Kehoe, Jr. **849**, 26. **853**, 95. **856**, 99.
Seal (U.S. submarine): Description **138**, 650.
Sealab II (Pictorial). T.N. Blockwick **760**, 100.
Sealab III To Start in October (Nbk) **787**, 157.
Sealab Tests: Saturation Diving. R.C. Sheats **835**, 54. **846**, 89.
Sea ladder, Heavy Weather **421**, 406. **421**, 407.
Sea Lane Routes: North Atlantic Lane Routes. G.T. Rude **656**, 1065.
Sea Level: Difference in mean level of Atlantic Ocean and Gulf of Mexico **163**, 956.
Sea, Level of. H.A. Marmer **307**, 742.
Seal Industry, Navy's Part in the Fur. J.C. Cunningham **396**, 236. **398**, 563.
Sea Lords
Beans and Bullets for (ProfNote). R.C. Powers **814**, 95.
Schreadley, R.L. **810**, 22. **816**, 87. **817**, 92.
Sealubbers. A.R. McCracken **324**, 132.
Seamanship
See also: Navigation; Propellers--Marine.
Adapting Ocean Steamers to Inland

Waterways. C.J. Plummer **473**, 929.
American and Foreign Seamen **240**, 340.
Anchor, Slipped, Method of Recovering. R.E. Engle **590**, 414.
Anchor, Swinging Ship at. A.F. Converse **475**, 1223. **480**, 253.
Anchoring Ships on High Seas. H.R. Seiwell **454**, 1733.
Anchoring Solution, Speeding. R.T. Boehm **609**, 1233.
Anchors, Use of, in Maneuvering. C.J. Plummer **469**, 388.
Berth 124, Destroyer Pier One. H.O. Webster **651**, 489.
Blow Me Down! W.B. Hayler **582**, 857. **588**, 200.
Book Reviews **356**, 1512.
Bridge, Case for Open. S.H. Kinney **491**, 25.
Captain Clark's Thumb Rules. W.E. Brown **476**, 1437.
"Captain, Stay Away from That Conn!" W.B. Hayler **606**, 855.
Channel Fever. R.H. Johnson **490**, 1547.
Collision. J. Hanna **403**, 1241.
Collision Law, American, Critique of. R.F. Farwell **367**, 1249. **370**, 1786. **373**, 405. **380**, 1429.
Collision Law, Principles of Marine. R.F. Farwell **428**, 1456.
Collision Prevention, New Approach to. D.N. Lott **527**, 55. **530**, 453. **531**, 585.
Collisions, Rules for Preventing. E.C. Raguet **502**, 1503.
A Coming Seamanship Crisis (C&D) **866**, 82.
Crisis, A Coming Seamanship (ProfNote). R.A. Cahill **854**, 117. **858**, 81.
Crossing Situation. R.F. Farwell **386**, 513.
Dangerous Doubts. T.W. Sheridan **412**, 789.
Deck: Monkey Fists, Fox and Geese, and the New Ensign (ProfNote). H.J. Schneider, Jr. **803**, 117. **809**, 105, 106.
Deepdraft Shiphandling (ProfNote). J.V. Noel **683**, 131.
Defensive Seamanship. M.R. Byington, Jr. **868**, 24. **872**, 87, 88.
Destroyer Seamanship in St. Lawwrence Seaway (ProfNote). P.F. Hauck and T.P. Connell **685**, 130.
Destroyers: Notes on Handling 1,500-Tonners. R.B. Carney **420**, 227.
Do You Know the Rules? (ProfNote) **653**, 800.
Effective Rules of the Road. W.R. St. George **679**, 72.
Escort Ship--Challenge to the Shiphandler (ProfNote). D.N. Denton **769**, 130. **774**, 107. **776**, 106. **778**, 110.
Fog, Law in. R.F. Farwell **376**, 784, 833. **380**, 1429.
Fothering. T.W. Sheridan **448**, 824.
Freeing a Stranded Ship **664**, 106.
Good Seamanship. R.F. Farwell **411**, 667.
"Hammerlock Moor". H.R. Prince **639**, 521. **647**, 90, 91.
Has Your Anchor Been Showing Lately? W.B. Hayler **574**, 1361.
Head and Head. R.F. Farwell **417**, 1601.
Hit the Deck. E.U. O'Donnell **655**, 987.
Icebreakers and Icebreaking. J.W. Naab, Jr. **712**, 45.
Importance of Seamanship in War (ProfNote). Sadayoshi Nakayama and Norman Stanford **691**, 131.
Inevitable Accident. R.F. Farwell **396**, 161.
In Hurricanes and Typhoons
  Hurricanes: the Killer Winds. E.T. Harding **748**, 26.
  Typhoons Lorna and Marie (Prof Note). R.D. Garrett **748**, 143.
In Ice: Submarines in the Ice (ProfNote). P. Cobb **744**, 148.
Inland Water Regulations **421**, 404.
International Rules
  Changes in, for Preventing Collisions at Sea. R.F. Farwell **410**, 527, 603. **411**, 763. **413**, 1065. **414**, 1213.
  How Should, Be Changed? R.F. Farwell **538**, 1485.
International Rules of Road, 1948. R.S. Wentworth **602**, 382.
"It Was a Nice Skill" Handling the Square-rigged Ship. A. Villiers **762**, 80.
I Will Not Abandon You. J.C. Carrothers **726**, 59.
Kedging, Salvage by. J. Hanna **395**, 73.
Left-Handed Shiphandling. D.F. Miley **721**, 36.
Lights
  Lawful. R.F. Farwell **409**, 307.
  Navigational, under Wartime Conditions. G.W. Dyson and C. Wilkenloh **520**, 825. **522**, 1090.
Lookout, Proper. R.F. Farwell **389**, 934.
Lookouts--Fleet's Forgotten Men. W.J. miller **589**, 278.
Lookouts, Why? G.W. Dyson **517**, 385.
Maneuvering of Turbine Steamers **115**, 730.
The Marine as an Instrument of Sea Power. J.L. Moulton **873**, 28.
McLintock's Calculated Risk. W. McFee **671**, 38.
Merchant Marine, American, New Safety Era in. E.C. Holden, Jr. **425**, 990. **428**, 1492.
Method of Recovering Slipped Anchor **600**, 203.
Modern Seamanship **714**, 109.
Modern Training in Seamanship **95**, 528.
Mooring to Buoy, Method to Expedite. W.F. Riggs, Jr. **557**, 804. **561**, 1295. **576**, 200.
Naval Operations in Confined Waters and Narrow Seas. LeRoy Taylor **688**, 55.
The Navy Needs More Sailors. J.B. Bonds **876**, 38. **881**, 76, 77. **882**, 77.
No Substitute for Good Seamanship (ProfNote). E.B. Perry **704**, 139.
Notes on Alaska Piloting. R.F. Farwell **413**, 969.
Notes on Handling Destroyer. C.C. Slayton **197**, 1201.
Notes on Ship Handling. G.H. Burrage **177**, 2555.
Officers of Deck, Training, Carrier Style. P.D. Stroop **598**, 1297.
Overtaking Situation. R.F. Farwell **453**, 1558. **454**, 1835.
Perils of Bar Navigation (ProfNote). C.D. Pulver **687**, 127.
Pick Up At Sea. J.M. Maupin **597**, 1239.
Pilotage System, American. T.N. Kelley **592**, 643.
Piloting, Alaska, Notes on. R.F. Farwell **413**, 969.
Pilot Waters, Horse Sense in. J.C. Groome, Jr. **403**, 1319.
Progressive Naval Seamanship. C.D. Sigsbee **48**, 95.
Project Pinwheel. E.O. Wagner **524**, 1285.
Radar and Rules of the Road (ProfNote). A.B. Moody **687**, 133.
Reflections on Taking a Pilot. J.M. Ellicott **642**, 861.
Rescue of Crew of Foundering Vessel. G.C. Stedman **363**, 681.
Role of Pilots **640**, 659.
Rules of the Road, Twenty-Five Hundred Years of. E.F. Oliver **633**, 1241.
Safety at Sea. T.W. Sheridan **396**, 172.
Safety Third, J. Hanna **414**, 1144. **417**, 1625, 1626. **419**, 100. **420**, 261. **424**, 885.
San Francisco Bar (ProfNote). G.W. Jewett, Jr., and J.P. Fleet **687**, 123.
Sea Manners and Maneuvering Instructions. P.P. Welch **396**, 225.
Seamanship in English Channel Concerns Maritime Officials (Nbk) **820**, 111.
Shiphandling
  Olsen, J.G. (ProfNote) **693**, 137.
  Shiphandling Notes for Large Ships (ProfNote). E.P. Bonner **754**, 140. **761**, 123, 125. **765**, 127.
  Shiphandling, Practical, Tips on. H.A. V. von Pflugk **463**, 1287. **466**, 1765.
  Ship handling with electric propulsion. C.S. Kempff **174**, 1705.
  Some Ship-Handling Doctrines for Converted Yachtsmen. A.G. Cooke **488**, 1298.
  Tacking a Navy Cutter. A.C. Stott **152**, 1162.
  Three Tips to Shiphandlers. J.W. Stryker **538**, 1467.
  When to Change Course and Speed (ProfNote). L.S. Lockett **732**, 132.
Ships that Pass in the Night. E.F. Oliver **681**, 70.
Signals
  Conflicting Signals. R.F. Farwell **373**, 333.
  Ding Dong Toot. J.W. Talley **568**, 627.
Skillful Seamen **720**, 114. **725**, 108.
Small Boat Experience. H. Telsey **487**, 1218.
Small Craft, Random Thoughts on. H. Telsey **480**, 224.
Special Circumstances. R.F. Farwell **393**, 1597.
Speed, Swells, and Damage--Who Pays? T.G. Schirmeyer **415**, 1275.
Supreme Court Speaks. R.F. Farwell **462**, 1088.
Swell Damage. T.W. Sheridan **444**, 177.
Tall Ships and Sailormen: Operation Sail 1972. D.V.V. Wood and K.W. Thompson **852**, 40.
Tugboat, Poor Man's. R.J. Woodaman **603**, 515. **608**, 1132.
Tugs and Pilots. J.D. Sloan **617**, 784.
Tugs and Towing: See: Towing.
Typhoon Doctrine. E.W. Malanot **629**, 744.
Unruly Rules of Road. P.P. Welch and E.B. Perry **375**, 641.
Vantage Point Conning (ProfNote). H.R. Prince **656**, 1134.
When Meeting a Merchant Vessel (ProfNote). R.E. Pollack **741**, 137.
Whistle Argument: Analysis and Plan. R.F. Farwell **542**, 473.
Wind Rules Again. W.C. Chambliss **483**, 636.
Seamen
  Inducements for Retaining Trained Seamen in the Navy... Prize Essay, 1885. N.H. Farquhar **33**, 175.
  Japanese Wages **233**, 1203.
  Sea as Career. F. Riesenberg **279**, 1005.
  Seaman's Handbook **291**, 637.
  Seamen, Training of: See: Naval Training.
  Seamen and Ships of the Desert. W.D. Brinckloe **355**, 1333.
  Quality of Seaman Second Class. E.M. Williams **256**, 903.

Seamen's Bank for Savings: See: Pictorial Section.
Seamless Tubes for Gun-making. R. Wainwright **49**, 393.
Sea of Japan, Battle of: See: Tsushima, Battle of.
Sea Otter II (U.S. MS) **468**, 298.
Seaplane Races: See: Schneider Cup Races.
Seaplane Tenders-United States **491**, 9, 116.
Seaplanes
See also: Aviation--Aircraft.
Boeing **255**, 847. **262**, 2039.
Carrier Suggested **344**, 1412.
Duralumin **233**, 1282.
England **323**, 71. **325**, 250. **326**, 345. **330**, 760. **333**, 1048. **335**, 121. **336**, 263.
Floating Dock **234**, 1398.
Flying Boats, Naval Patrol and Bombing. J.F. Gillon **330**, 695.
France: Types **358**, 1842.
Holland Building Largest **349**, 444.
Japan Building Large **349**, 444.
Landing Gear **355**, 1381.
Langley Field Towing Channel **344**, 1423.
Military Potentialities **349**, 441.
Mine Laying **356**, 1533.
Naval, Largest **355**, 1383.
Naval Uses. E.T.R. Chambers **303**, 414.
Records **332**, 947.
United States **201**, 1917. **326**, 345. **327**, 456. **330**, 695. **344**, 1416.
Sea Power **68**, 453.
Age of Continents. W.R. Mathews **635**, 55.
Air Power Is Sea Power. L.C. Ramsey **461**, 921.
Air Power, Sea Power and, in 1940. W.A. Read **458**, 478.
Always the Sea. R.B. Carney **627**, 497.
American Oceanic Doctrine. R. McClintock **804**, 46.
American Sea Power--1941 and Beyond. D.W. Kendall **458**, 465.
America's Growing Dependence on the Sea. M.H. Hellner **656**, 1083.
America's Responsibility to Armistice. F.H. Roberts **369**, 1580.
Ancient and Modern Aspects of Sea Power. W.D. Puleston **549**, 1351. **552**, 228. **559**, 1057.
Are Lessons of History No Longer Valid? A.A. Ageton **592**, 625.
Armaments, Security of. **327**, 458.
Asia, Sea Power and Center. F. Howland **448**, 779.
Atomic Bomb, Sea Power and. J.P. Cranwell **524**, 1267. **528**, 202.
Atomic Warfare, Sea Power's Role in. G.C. Reinhardt **610**, 1279. **625**, 337.
Aviation and Sea Power. H.M. Dater **614**, 427.
Aviation, Impact of, on Sea Power. W.D. Puleston **482**, 475.
Balanced Sea Power and Cold War. C.D. Rhymes, Jr. **691**, 76.
Beyond Suez--A New Dimension of Sea Power. G.H. Miller **660**, 78.
Book Review **350**, 603.
Collective Security, Military Sanctions, and Sea Power, C.L. Henn, Jr. **612**, 125.
The Combat Systems of Surface Warships (NavRev). W.E. Meyer **891**, 110.
Comments on Gorshkov's Sea Power of the State. B.W. Watson **890**, 41. **898**, 80.
Confidence in the Sea. G.F. Eliot **759**, 64.
Control Forces, Sea Power's. G.A. Roll **620**, 1073.
Control of the Sea: Its Relation to the Russo-Japanese War. G.C. Manning **143**, 993.
Data Point Up Soviet Sea Power (Nbk) **795**, 158.
Domestic Tranquility and the Common Defense. J.J. Clark **834**, 38.
The East China and Yellow Seas (Nav-Nav). J.R. Dewenter **867**, 188.
Economics of Sea Power. J.J. Clark and F.A. Lees **762**, 40. **766**, 133.
Elements and Outlook of American Sea Power. W.H. Gardiner **308**, 827. **309**, 1035.
Elements of, and future of Navy. E.W. Eberle **272**, 1832.
The Encircling Sea. J.J. Clark **793**, 26. **799**, 116, 117. **805**, 91.
Freedom of the Seas. H.E. Shear **664**, 66.
From Science, Sea Power? A.G. Opitz **692**, 63.
Function of the Navy. J.D. Chase **800**, 26. **805**, 93.
Fundamentals. Y. Stirling **268**, 889.
Future **325**, 253.
Future Role of Soviet Sea Power. H.G. Dudley, Sr. **759**, 39. **762**, 113.
Genesis of America's Oceanic Power. G.E. Lowe **737**, 26. **742**, 112.
Genesis of the Modern U.S. Navy. C.F. Elliott **757**, 62. **761**, 120, 121.
Global War, Sea Power in. W.H. Hessler **499**, 1077.
Guardians of Sea Power. R.P. Beebe **688**, 27. **691**, 108, 109, 110.
Guardians of Sea Power (C&D) **887**, 88. **895**, 91.
Influence of Aircraft on Sea Power. D. Burney **328**, 559.
Influence of Democracy Upon Sea Power. A. Kiralfy **460**, 767.
Influence of Flying-Boat Developments on Sea Power. E.E. Wilson **416**, 1433.
Influence of History Upon Sea Power. L.F. Safford **352**, 877.
Influence of Modern Sea Power, 1945-1970 (NavRev). J.D. Hayes **819**, 274.
Influence of Sea Power on American Colonial Wars. F.W. Morrell **352**, 860.
Italian. C.N. Grenet **301**, 222.
Japanese Empire, Sea Power and. R.C. Smith, III: **525**, 1441. **530**, 452.
Japanese Imperialism, Sea Power and Growth of. J.K. Eyre, Jr. **485**, 977.
Japanese Sea Power. J.F. Meigs **492**, 121.
Latin America and Naval Power. R. McClintock **752**, 30.
Limited War and the Striking Fleets. R.H. Gormley **720**, 52. **727**, 101.
Limited War: Problem in Maritime Defense. P.M. Stanford **586**, 1311.
Marine Journal, re. **285**, 2306.
Maritime Strategy. J.C. Wylie, Jr. **603**, 467.
Meaning of Naval Prestige **639**, 543.
Military Decision and Future of Sea Power. W.D. Brinckloe **693**, 82.
Missiles and Missions. W. Hughes, Jr. **742**, 38.
Montgomery and Conflicting Philosophies of Sea Power. J.D. Hittle **627**, 521.
Most Silent Service. M.W. Cagle **798**, 37. **802**, 112, 113.
National Policy and Transoceanic Navy. S.P. Huntington **615**, 483.
Naval Development on the Dark Continent (ProfNote). E.C. Fisher **709**, 134.
Naval Efficiency and Command of the Sea. L.A. Cotten **147**, 981.
Naval Power. B.A. Fiske **139**, 683.
Naval Power and American Destiny. J.K. Eyre, Jr. **577**, 297.
Naval Power in Tomorrow's World. W.H. Hessler **506**, 369.
Naval Power--Present and Future. C. Ricketts **719**, 33.
Navies in War and in Peace (Part 11). S.G. Gorshkov **861**, 55.
Navy and Commerce **285**, 2306.
Navy and National Security. J.L. Howard **581**, 749.
New Formula for Sea Power. J.J. Clark and E.B. Hewes **714**, 23.
Nuclear Energy and Sea Power. G.P. Steele, II: **610**, 1314.
The Only Option? G.E. Lowe **818**, 18. **825**, 86. **826**, 88.
Our Far-Flung Ramparts. G.F. Eliot **740**, 26.
Our Stake in Sea Power. D.W. Knox **296**, 1087.
The Paper Torpedo. R.J. Hanks **795**, 26. **800**, 114. **801**, 125. **805**, 94.
Papua: Lesson in Seapower. J.C. Shaw **573**, 1205.
People's Navy: Prospects of American Sea Power. P.M. Stanford **514**, 1455.
Phormio: The First Naval Tactician. A.G. Nelson **722**, 88.
Post-Vietnam Navy: The Rhetoric and the Realities. J.K. Holloway, Jr. **834**, 52. **838**, 87. **847**, 96.
Preserver of Neutrality and Peace, Naval Power as. D.W. Knox **411**, 619. **416**, 1469.
Principles of Sea Power. R.B. Carney **606**, 817. **631**, 967.
Realism of Sea Power. C.C. Gill **367**, 1260.
Re-examination of Mahan's Concept of Sea Power. W.D. Puleston **451**, 1229.
Relation of aircraft to sea power. B.G. Leighton **307**, 731.
Revolution, Sea Power in American. E.M. Eller **400**, 777.
Role of the Carrier in Control of the Seas (NavRev). S.T. De La Mater **831**, 110.
Roman Britain, Sea Power and. G.W. Dyson **457**, 368.
Russia
Russian View of Seapower **95**, 543.
Soviet Bid for the Sea. E.M. Eller **628**, 619.
Soviet Drive for Sea Power. D.J. Carrison **680**, 67.
Stalin's First Bid for Sea Power, 1933-1941. D.C. Watt **736**, 88.
Sea-Borne Deterrent. G.F. Eliot **645**, 1143.
The Sea in the Making of America. C.G. Reynolds **881**, 36. C&D: **887**, 88.
Sea Power
Dismukes, D.E. **251**, 1.
Frost, H.H. **296**, 1102.
Hurd, A. **340**, 821.
Sea Power and American Destiny
Gatewood, R.D. **296**, 1076.
Krafft, H.F. **218**, 473.
Sea Power and American Survival. S.B. Barber **697**, 51.
Sea Power: A Commentary (NavRev). J.D. Hayes **807**, 337.
Seapower and Geopolitics in the Missile Age. R.L. Beavers, Jr. **676**, 41. **678**, 102. **681**, 101. **684**, 97.
Sea Power and Limited War. M.W. Cagle **665**, 23.
Sea Power and National General Staff. J.D. Hittle **560**, 1091. **584**, 1107. **587**, 85.
Sea Power and Peace. E.M. Eller **536**, 1161.
Sea Power and Pocket Books. D.W. Knox **274**, 2231. **277**, 495. **282**, 1579.
Seapower and the Satellites. F.M. Murphy **801**, 74. **812**, 87.
Sea Power and the Sea Bed. J.P. Craven **758**, 36.

Sea Power and Sea Law. J.D. Hayes **735**, 60. **738**, 116.
Seapower and the Smaller Nations. J.J. Binnendijk **835**, 38.
Sea Power and Soviet Designs for Expansion. M.H. Hellner **685**, 23.
Sea Power and Soviet Foreign Policy. D.R. Cox **796**, 32. **803**, 96.
Sea Power and the Struggle for Asia. M.H. Hellner **638**, 353.
Seapower and the Superpowers. C.H. Amme **788**, 26. **794**, 118. **796**, 104. **799**, 100.
Sea Power--Teddy's "Big Stick." Guy Cane **882**, 40.
Sea Power and World Unity. H.G. Brownson **328**, 473.
Sea Power and Yorktown Campaign. A.H. Miles **297**, 1169.
Sea Power: Bulwark Against Chinese Communist Imperialism. A. Harrigan **688**, 68. **694**, 110.
Seapower, Comparison of U.S. and Russian Navy Gap in the Seventies. J.C. Bussert **832**, 18.
Sea Power, Foundation of Successful World Trade. Y. Stirling, Jr. **388**, 767. **393**, 1685.
Sea Power in the Civil War. J.D. Hayes **705**, 60. **709**, 106, 107. **716**, 110, 111.
Sea Power in Competitive Coexistence. E.E. Wilson **645**, 1170.
Sea Power in Next War. A.E. Sokol **591**, 519. **598**, 1370.
Sea Power in Reserve. G.V. Brown **772**, 74. **775**, 111.
Seapower in the Seventies. W.J. Ruhe **806**, 26.
Seapower in the Sixties: Deterrent and Determinant. A. Harrigan **701**, 23. **706**, 106, 107.
Sea Power in Soviet Strategy. R.L. Garthoff **660**, 85.
Sea Power in War with Russia. G. Dickens **572**, 1069.
Sea Power, National Necessity. D.E. Dismukes **251**, 1.
Sea Power: Senate and Air. C.G. Moran **225**, 1676.
Seapower of Tomorrow. G.H. Miller **595**, 959.
Seapower--Two Sides to the Coin (C&D) **804**, 89.
Sea Power's Enduring Influence (ProfNote). R.B. Carney **629**, 837.
Security Through Seapower. R.E. Williams **661**, 23.
Sentinels at the Bridge. B.B. Schofield **776**, 48. **782**, 104.
Sine Qua Non of U.S. Sea Power: the Merchant Ship. J.D. Hayes **745**, 26. **748**, 115, 116, 117. **752**, 102, 106, 107, 108.
Soviet Seapower--Ripple or Tidal Wave. J.F. McNulty **809**, 18.
Strategic Analysis of the Eastern Mediterranean and the Black Sea (NavRev). C. Margaritis **843**, 112. **847**, 95.
Strategy of Future--Second Look. G.H. Miller **567**, 473.
Theory of Naval Strategy in the Nuclear Age (NavRev). E. Wegener **831**, 190.
Those Storm-beaten Ships, Upon Which the Arab Armies Never Looked. F.C. Miller **865**, 18. **874**, 76.
Thucydides and Sea Power. J.M. Scammell **219**, 701.
To Use the Sea. L.C. Kendall **838**, 58. **845**, 89.
The Trend of Naval Power: A Crisis of Resolve. N.L. Stone **869**, 24.
Triphibious Power. J.C. Ten Eyck **492**, 179.
United Initiative: Triumph of Maritime Power. P.M. Stanford **523**, 1175.
United States **212**, 1676. **266**, 624.
U.S. and Sea Power. H.E. Dow **312**, 131.
United States Looks to Her Future on Sea. L.P. Lovette **452**, 1383.
Unity of Sea Power. J.M. Court **616**, 605.
Vindication of Sea Power. S.T. Possony **511**, 1033.
Western Revolution, Sea Power and. R.E. Williams **601**, 239.
Where is the Western Navy? The World Wonders. Hans Garde **866**, 18. **870**, 84. C&D: **875**, 77.
Will We Learn Value of Sea Power? J.L. McGuinness **510**, 945.
Will We Need Navy to Win? E.M. Eller **565**, 237.
Wings of Sea Power. D.W. Kendall **470**, 505. **474**, 1156.
World History and Sea Power. S.M. Robinson **580**, 601.
World Peace, Sea Power and. H.G. Brownson **418**, 1689.
World Trade and Military Trade-offs. W.H. Willson **778**, 84.
World War II and Changing Conception of Sea Power. F. Pratt **515**, 1. **519**, 709. **523**, 1219.
See also: Naval Strategy; Naval Tactics; Navies.
Seaquist, L.R.: Canadian Cyclic System (C&D) **784**, 113.
Seaquist, Larry: The Role of the Service Secretary in the National Security Organization (Schratz) (C&D) **875**, 67.
Sear, A.W., Jr.
Heretical Thoughts on a Sea Control Weapons System (ProfNote) **846**, 114. **857**, 90.
The "Ideal" ASW Vehicle: A Modest Proposal (ProfNote) **863**, 104. **877**, 126.
Search
See also: Visit and Search.
The Right of Search and Its Limitations in Time of Peace. T.S. Woolsey **80**, 721.
Search and Rescue
The AMVER System (ProfNote). Walter McDougall **877**, 106.
Angels in the Snow: Search and Rescue in the Arctic (ProfNote). R.A.J. Ranieri **851**, 103.
Attempt to Save the Wellington (OldNav). M.F. Willoughby **782**, 130.
Automatic Rescue System Expanded (Nbk) **771**, 156.
Coast Guard in the Central and Western Pacific (NavRev). J.W. Moreau **843**, 270.
Combat SAR--Rescue of Pilots by TF 77: **831**, 89.
Deep Rescue Still Not at Hand (Nbk) **770**, 148.
Depths of Ignorance. C.N.G. Hendrix **783**, 32. **787**, 110.
High Cost of Saving Oscar. A.H. Robbins **797**, 60.
The Life-Savers: "For Those in Peril on the Sea." R.F. Bennett **877**, 54.
Navarro (APA-215): Answers Distress Calls **782**, 138.
Navy Deep-Sea Search Units Urged (Nbk) **775**, 152.
New Device "datum marker" Helps in Rescues (Nbk) **750**, 156.
A New Dimension (ProfNote). T.C. Lutton **804**, 114.
Nondum Paratus for Deep-Sea Disasters. P.A. Joseph **864**, 33. **868**, 80.
Proceed to Assist... The Belknap Ablaze. R.C. Powers **882**, 100. **884**, 101.
Rescue of Crew of a Foundering Vessel. G.C. Stedman **363**, 681.
Rescue of the Pisces III (ProfNote). H.R. Talkington **856**, 114.
Search and Rescue--And You! G.R. Evans **682**, 35.
Search and Rescue Helicopter Pilot Training (Pict). D.B. Marshall and R.D. Moeser **770**, 93.
Searching for the Thresher. F.A. Andrews **735**, 69.
Skyhook Retrieval (ProfNote). L.A. LeSchack **757**, 138.
Study Leads to Better Rescue Aircraft (Nbk) **775**, 152.
"They Are All Gone." D.L. Noble **877**, 92.
They Are Not Expandable (ProfNote). A.E. Weseleskey **824**, 106. **833**, 101.
Vietnam Lifeboatmen of Air Rescue Service, MATC (Nbk) **754**, 158.
Search Curves, Some Applications and Limitations. R. Wainwright **84**, 663.
"Searchlight" Address File **474**, 1203.
Searchlight Barrage in Night Landings. E.P. Jessop **400**, 839.
Searchlights **206**, 626. **302**, 312. **348**, 294. **354**, 1227. **358**, 1840.
Electric Searchlights at Sea. H.G. Dresel **72**, 763.
Luminous Projectiles as Substitute for Searchlights **129**, 308.
Metallic Mirror for Searchlights (1908): **126**, 739.
New Searchlight Mirror (1915): **158**, 1310.
Searchlights for Aeronauts **153**, 1515.
Searchlights in Coast Defense **81**, 170.
Sperry Searchlight **165**, 1669.
Searight, M.W.
Early Command--Who Wants It? (C&D) **781**, 105.
Equality or Preference? (C&D) **841**, 101.
Prepare to Sweep Mines **803**, 54.
Searle, W.F., Jr. **781**, 114.
History of Man's Deep Submergence **757**, 80.
Palomares--Exercise in Ocean Engineering (ProfNote) **772**, 128.
Three Engines Are Better Than One **790**, 47.
Searles, P.J. **231**, 789. **304**, 492.
Amalgamation as Affecting Civil Engineer Corps **226**, 1869.
Battle of Perico **464**, 1411.
Bully Hayes in Guam (Musser) (C&D) **304**, 492.
Let's Consider Accounting **285**, 2215.
Naval Hero of Korea **317**, 589.
On Origin of War **249**, 1858.
Reflections Upon Retirement **526**, 1577.
Sears, J.H.
The Coast in Warfare **99**, 449. **100**, 649.
Naval Operations of Crimean War **103**, 499.
Sears, W.J.
A General Description of the Whitehead Torpedo **80**, 803. **85**, 89.
Notes on General Courts-martial **70**, 423.
Target Practice at Sea **80**, 757.
Sea Scouting. G.A. Smith **226**, 1901.
Sea Scouts
Clark, E.S. **346**, 1685.
Martin, H.P. **449**, 997.
Use of Navy Hulls. E.S. Clark, Jr. **395**, 38.
Sea Service for Naval Constructors. T.L. Schumacher **257**, 1041.
Sea Service Made Easier and More Efficient. A.W. Hinds **245**, 1097.
Seasickness, Suggested Attack on. W.H. Michael **478**, 1747.
Sea Simulator for Navy Facility (Nbk) **806**, 128.
Sea Songs: See: Songs, Naval.
Sea Stories

Sea Stories (Cont.)
See also: History.
American Short Stories of Sea. C.L. Lewis **457**, 371. **461**, 1011.
English Short Stories of Sea. C.L. Lewis **453**, 1552.
Literature of Sea. W.L. Brown **452**, 1424.
Sea Tanks: See: Tanks.
Sea Terms: See: Traditions, Customs, and Sea Terms.
Seatia (SS): Sunk by Mine **190**, 2859.
"Seat of Your Pants Told You..." W.G. Moore **784**, 82.
SEATO—Segment of Collective Security. A.C. Miller, Jr. **684**, 50.
Seatrain (SS) **350**, 622.
Seatrain Havana (SS) **357**, 1680.
Seatrain New York (SS) **357**, 1680. **358**, 1836.
Sea Training of Marine Officer. G. Barnett **256**, 935.
Sea Trials: Growler Sea Trials (ProfNote). A.L. Palazzolo **689**, 128.
Seattle, Washington
See also: Pictorial. Seattle's Marine Museum.
When the Navy Fought the Indians (OldNav). T.R. Strobridge **746**, 156.
Sea Van Ship: See: Ironmonger, Richard: Sea Van Ship.
Seavey's Island Prison. R.H. Jackson **90**, 413.
Seaward Boundaries, Where Are Our. A.L. Shalowitz **652**, 616.
Seaways, Safer, Saner, J.H. Beattie **814**, 38.
Seaweed: Sargassum. T.N. Kelley **475**, 1215.
"Seawolf" Helo Pilots of Vietnam (ProfNote). A.E. Weseleskey **783**, 128.
Sea Words on Shore Duty. A.F. Westcott **281**, 1330. **283**, 1792.
Sebago (USCG cutter) **326**, 338.
Sebastian (SS)
Destroyed by Fire **173**, 1518.
Loss of the motor vessel Sebastian. Z.W. Wicks **178**, 2917.
Notable Motor Ships Record **172**, 1269.
Sebenico: Austrian Naval Base at Sebenico **149**, 191.
Sebree, U.: Cleaning the Bottoms of Steel Ships by Divers... **69**, 133.
Secant-cosecant Method. A.A. Ageton **344**, 1375.
Secondary Meridians. J.O. Porter **349**, 368.
Second Front, Winston Churchill and. W.H. Standley and A.A. Ageton **609**, 1219.
Secrecy and Deception in the Military: Military Cover and Deception vs. Freedom of Information. W.D. Woole, Jr. **874**, 18. **877**, 116, 119. **878**, 84.
Secrecy in Government. R.L. Taylor **841**, 72. **846**, 94.
Secretary of the Navy
"Lunchbow Charlie" Bonaparte (OldNav). Jack Downin **882**, 49. **889**, 85.
Role of the Service Secretary in the National Security Organization. P.R. Schratz **871**, 18.
Secretary of War and Navy. E.N. McClellan **362**, 534.
Sector Principle re Sovereignty **843**, 99.
Security
Industrial Security: A Challenge. E.U. O'Donnell **607**, 990.
Measure of Security. R. Hargreaves **619**, 999.
A Military Danger. T.B. Kittredge **629**, 731. **637**, 328.
Navy's Speech Control Has Worked. H.B. Say **724**, 74.
Office of International Security Affairs. T.J. Bigley **758**, 61.
Oil Rig: North Sea: Drilling Oil in Troubled Waters. D. Wettern **898**, 40.
Problem of Security. W.D. Lanier, Jr. **553**, 303.
Science, Security, and Signal-to-Noise. H.B. Sherry **666**, 31.
Security Clearance
Do You Need a Security Clearance? (ProfNote). J.O. Johnson **748**, 140.
What Clearance Eligibility Do You Have? E.W. Grenfell **623**, 75.
Security Is Just Good Business. S.E. Jones **648**, 146.
Task for Today: Security Through Seapower. R.E. Williams **661**, 23.
Security—National
See also: Preparedness.
American Quest for National Security. M. Matloff **723**, 84.
Can We Establish War Safety Controls? **703**, 100.
Critical Tomorrows. H.W. Baldwin **718**, 23.
Defense Planning Processes. S.M. Barnes **735**, 26.
The Effect of Public Opinion Upon National Security Policy (NavRev). Don Scovel **867**, 118.
Low Cost of Freedom. V.H. Krulak **809**, 68. **814**, 82. **815**, 88. **817**, 93.
Merchant Marine and National Security. A.F. Schade **695**, 84. **704**, 120.
National Communications System (ProfNote). W.F. Foster **746**, 139.
National Security: Can We Sell the Program? R.D. Colvin **868**, 18.
National Security Policy: Give the Public a Voice. E.F. Black **892**, 18.
The Paper Torpedo. R.J. Hanks **795**, 26. **800**, 114. **801**, 125. **805**, 94.
Petroleum Imports and National Security. T.S. Wyman **895**, 32.
Rational Victory. R.W. Selton **780**, 27. **783**, 109.
Security and the Double Standard. P.H. Backus **706**, 37.
Victory in Limited War. C.L. Parnell **796**, 26. **800**, 116, 117, 118. **804**, 92.
Where Do We Go From Here? J.E. Greenbacker **880**, 18.
Seeadler (SMS) **268**, 1001. **290**, 427.
Exploits of the. **177**, 2716. **178**, 3031.
Seeger, A.: U.S. Poet of World War **347**, 37.
Seely, C.S. **348**, 279.
Seery, T.J.: Clothing vs. Radiation (ProfNote). **726**, 126.
See-Through Ship, Minehunter for Royal Navy (Nbk) **827**, 112.
Segal, H.W.: DER in MARKET TIME (C&D) **779**, 104.
Segi Man. George Van Deurs **668**, 56.
Segovia (SS) **348**, 292.
Seiches: See: Oceanography.
Seika, Fujiwara: "Be on Guard" **856**, 45.
Seim, H.B. **668**, 111. **678**, 105. **700**, 108.
Alliances, The Ties That Bind (C&D) **790**, 101.
And Band Played On (anec) **561**, 1255.
Are We Ready to Wage Limited War? **697**, 27. **700**, 92, 94. **703**, 105.
Atomic Bomb--X-Factor of Military Policy **554**, 387.
Blackout Job (anec) **540**, 181.
Book Review **772**, 114.
Bottoms Up (anec) **696**, 161.
For Fleet: More Valuable Junior Officers **543**, 597.
[Hayward's] Book Review of Carrier Admiral (Clark) (C&D) **793**, 102.
High Cost of Living (anec) **569**, 721.
How Smart Can You Get? (anec) **596**, 1089.
It Was Worth It (anec) **541**, 295.
Men Who Came to Dinner (anec) **562**, 1375.
NATO: "Now is the time for all good members..." (Robinson) (C&D) **795**, 108.
Naval Power and Deterrence **706**, 61.
Navy and "Fringe" War **582**, 835.
Notice to Mariners Korean Area (anec) **651**, 487.
Purple Heart (anec) **545**, 835.
Super-Realism (anec) **560**, 1103.
To Be Taken with Grain "Assault" (anec) **616**, 657.
Two Star Noise Suppressor (anec) **614**, 383.
What Price Unification? (anec) **568**, 639.
Seismology
See also: Earthquakes.
Tsunamis, Strangest Waves on the Sea. E.B. Roberts **657**, 1201.
Seitz, F.C.: Vessel Traffic Systems: A View from the Bridge **866**, 24. **870**, 83.
Seiwell, H.R.: Anchoring Ships on High Seas **454**, 1733.
Seizure of Ships: Jus Angaria. T.W. Sheridan **408**, 159.
Sekino, Hideo: Japan and Her Maritime Defense (NavRev) **819**, 98.
Selandia (motor ship) **327**, 445.
Selandia (SS): Voyage of. **142**, 798. **143**, 1159.
Selby, M.E. **539**, 80.
Seldin, C.A.: Vestris (SS): Inquiry **319**, 811.
Selection
See also: Personnel.
Below-the-Zone (ProfNote). R.W. Hunter **827**, 104. **833**, 104.
For Those Facing Selection. J.E. Magee **669**, 71.
Selection and Promotion: See: Personnel; U.S. Navy--Promotion and Pay.
Selection Boards
See also: Promotion.
Deep Draft and Major Command Selection. M.W. Cagle **777**, 48. **780**, 104.
The E-8/E-9 Selection Process (ProfNote). E.C. Hughes **755**, 136.
Major Command. G.S. Morrison **822**, 14. **833**, 102.
Mysterious PG Selection Process. E.W. Lull **782**, 41. **787**, 106.
Postgraduate Selection (C&D) **841**, 107.
Survival of the Fittest: Five Years Later. W.W. Turkington **884**, 58. **887**, 78, 79. **888**, 73. **890**, 86.
Survival of the Fittest in Naval Aviation. J.E. Burgess **824**, 42.
Selective Service: See also: Military Service, Compulsory.
Selective Service System: Could We End the Draft Now? C.W. Tarr **832**, 58.
Selenium and Its Uses **214**, 2039.
Self-Containment Our Armor of. M.F. Talbot **416**, 1381.
Self-Destruct Devices? (C&D). R.C. Smith, III: **796**, 96. **800**, 122.
Selfridge, J.R. **301**, 220.
Selfridge, T.O.
Extracts from Letters of. **288**, 184.
Origin of USS Portsmouth **163**, 914.
Plan of Selection **163**, 915.
Self-Starters for Airplane Engines **256**, 1010.
Seligman, J.L. **376**, 834.
"Dies Irae" **402**, 1136.
Joint Navy and Army Procurement **383**, 33.
Paying Combatants in Foreign Wars **407**, 42.
Pensacola, Alma Mater of Naval Aeronautics **421**, 344.
War Finance **394**, 1829.
Selinger, Franz **659**, 96. **661**, 102. **703**, 102.
Sellars, Jere: Prestige on the Lower Deck (C&D) **753**, 119.

Sellars, R.F. **697**, 114.
Radar System Is Born (ProfNote) **708**, 146.
Regulus I Weapon System (ProfNote) **694**, 136.
Sellers, D.F. **340**, 857.
Foreword **392**, 1357.
United States Naval Academy **404**, 1427.
Selling to Service. G.M. Adee **252**, 234.
Selton, R.W.: Rational Victory **780**, 27. **783**, 109.
Semaphores
See also: Signals and Signaling.
Fiske Semaphore System. B.W. Fiske (illus) **107**, 679.
Semaphore System: See: Signals.
Seminole War, Second: Indian Key Massacre (OldNav). D.A. Dye, Jr. **861**, 74. **865**, 75.
Semmes, K.A.: Bahrain, Pearl of the Persian Gulf **759**, 90.
Semmes, R. **477**, 1543.
Semmes, Raphael: "Daar Kom Die Alabama" (OldNav). B. Eiseman **866**, 72.
Senate, U.S. **313**, 269.
Seneca (USCG)
See also: Attempt to Save the Wellington.
Ten of Crew Lost Attempting to Save SS Wellington **189**, 2667.
Senegal (FN) **337**, 401.
Sennett, Richard: The Relations between the Size, Speed and Power of Marine Engines **24**, 311.
Sensors
C^3 War at Sea (NavRev). Norman Friedman **891**, 124.
Sensor Accuracy Check Site (ProfNote). A.G. Menke **844**, 111.
Sentinel for a Century: the Proceedings, the Navy, and the Nation, 1873-1973. N.T. Kirk **848**, 96.
Sentinel (HMS): Launched, description **110**, 442.
Sentinel IBM Defense System (Nbk) **780**, 141.
Sentinels at the Bridge. B.B. Schofield **776**, 48. C&D: **782**, 104.
Sepoy (Eng.) **351**, 766.
Sequence that led to Yorktown. T.G. Frothingham **344**, 1327.
Serapis (Eng.) **353**, 1071.
Serapis vs. Bonhomme Richard: The Captain and the Convoy (OldNav). S.W. Bryant, Jr. **881**, 69.
Serat, M.E.: Why They Roll **345**, 1488.
Serfass, R.E.: "Tin Soldier" Is a Good Soldier (Strauss) (C&D) **832**, 104.
Serigison, C.: Ship Models **429**, 1553.
Serje, J.C.: Lesson in Brevity (anec) **697**, 67.
Serlick, Howard: Remembrance of My Cruise (Focht) (C&D) **799**, 107.
Serpente (It.) **351**, 770. **356**, 1527.
Serrano (Chil.) **337**, 403.
Serrell, Andrew **690**, 113.
Mars, No Bettah Da Kine **654**, 857.
Service Academies: See: Simons, W.E.: Service Academies and Higher Education.
Service Aircraft. H.M. Martin **342**, 1039.
Service Badges: See: Decorations; insignia; medals.
"Service Boast" **392**, 1484, 1490.
Service Force in Action. D.M. Karcher **814**, 28. **828**, 102.
Service Schools. O. Smith **278**, 691.
Service Secretaries: Role of the Service Secretary in the National Security Organization (C&D) **875**, 67.
Service Squadron Ten: Seron Ten. W.R. Carter **540**, 153. **543**, 629.
Service Wives: "Sweethearts and Wives"--a Tribute. R. Hargreaves **684**, 63.
Serving a Monarch **335**, 55.
Serving One's Country. O.D. Waters, Jr. **600**, 168. **607**, 1019.
Seter, Vera: Proceedings Cover--The American's Creed (C&D) **832**, 101.
Seteroff, S.S.
Computing Current by DR Position Error (ProfNote) **856**, 117.
Navigation Fixes From Random Bearings (ProfNote) **799**, 147. **804**, 89.
Seton, A.L.
Iron Discipline (anec) **652**, 597.
Pearl Harbor and the Colorado, Nevada, Taney, and Utah **887**, 84.
Settembrini (It.) **339**, 681. **355**, 1374.
Setting-up exercise. See: Physical Exercise.
Settle, T.G.: See: J.G. Vaeth. When the Race for Space Began.
Settle, T.G.W. **357**, 1689. **378**, 1142. **448**, 868.
Airship Engines **330**, 745.
Gordon Bennett Race (1932): **362**, 521.
Mission of Naval Airships **357**, 1621.
Stratosphere Flight **371**, 136.
Why No Blimps? **432**, 238.
Winning Balloon Race **318**, 677.
Settsu (Jap. battleship): Description **131**, 975. **142**, 722.
Seumanutafa (Samoan Chief) **295**, 1043.
Letter regarding bravery of Seumanutafa in Samoan hurricane. W. Churchill (photo) **126**, 601.
Sevastopol (Russ. battleship)
Description **135**, 884.
Launched; description **139**, 1070.
Plans **142**, 775.
Seven Sea: Origin of term. **283**, 1792. **288**, 261.
Seventh Fleet, U.S.
Ready Power for Peace--The U.S. Seventh Fleet. G.P. Steele, II: **875**, 24.
Seventh Fleet Presence Keeps Flag Visible in Asia (Nbk) **829**, 126.
Seven Year Itch. W.A. Matson **662**, 75.
Seven Years' War: British Raid, St. Cast, 1858: **504**, 213.
"Sever" and the Baltic Bottleneck. C.L. Parnell **798**, 26. **805**, 88.
Severn (USS): Converted into Merchantman **171**, 1030.
Severyanka--Soviet Submarine for Scientific Research (ProfNote). V.P. Petrov **798**, 138.
Seward, H.L. **365**, 1047.
Sewell, J.S.: Electricity in its application to submarine mines **103**, 708.
Sex, T.J.: U.S. Naval Sailing Association (C&D) **783**, 108.
Sextants
See also: Instruments.
Averaging **410**, 558.
Averaging Bubble Sextant Observations. P.V.H. Weems **436**, 861.
Bubble Sextant Altitude Corrections. P.V.H. Weems **477**, 1583.
Earth's Rotational Effect on Bubble Sextant. P.V.H. Weems and T.L. Thurlow **452**, 1420.
Evolution of Sextant. E.S. Clark, Jr. **405**, 1581.
Inexpensive Handmade Sextant. E.S. Clark, Jr. **377**, 908.
Inquiry for Second-hand **431**, 147.
Luckner: Historic Sextant. H. Gatty **428**, 1439.
Seydlitz (Ger. cruiser)
Description, illustration **147**, 1334.
Instance of esprit de corps of crew **147**, 1335.
Seymour, J.M.
First Hundred Years Are... (Smith) (C&D) **853**, 94.
King of the Oceans (Sanders) (C&D) **861**, 95.
Seymour, John C.: Some Civilian Thoughts on the Navy **835**, 18.
Seymour, P.: Officers on Ships of American Registry **393**, 1661.
Seymour, R.F.: Conduct of Naval Battle **220**, 932.
Seymour, Sir B.: The Official Report of the Bombardment of Alexandria **22**, 540.
Seymour Relief Expedition. D.W. Wurtsbaugh **102**, 207.
Shackleton, E. **223**, 1466. **225**, 1840. **230**, 679.
Shackleton, J.R.
The Odd Ones (Pict) (C&D) **820**, 91.
Oglala--Ship That Sank From Fright (Featherman) (C&D) **847**, 88.
Shadows of Tomorrow, In the. C.S. Thomas **634**, 1407.
Shafroth, J.F. **273**, 2164. **418**, 1787. **427**, 1347. **716**, 116.
Capture of Louisbourg in 1758: **419**, 78.
Capture of Quebec in 1759: **420**, 187.
Naval Historical Foundation (ProfNote) **703**, 139.
Strategy of Yorktown Campaign **340**, 721.
Sahfter, R.A.
Armed Forces Care--Through CARE **630**, 897.
New Red Naval Doctrine in Making? **596**, 1091. **607**, 1020.
Shafter, W.R.: Sampson and Shafter at Santiago. L.J. Gulliver **436**, 799.
Shafting, thrust meters for marine **226**, 1977.
Shakedown Cruises
From Shakedown to Showdown. F.M. Curran **438**, 1141.
Naval Reservist's Impressions. F.M. Curran **434**, 563.
Shakespeare, Ratings by. V.P. Douw **444**, 235.
Shallow Draft Logistics Craft (C&D) **798**, 108.
Shallow Water, Effect on Ship Speed **227**, 139.
Shalowitz, A.L.
Navigability **461**, 932.
Where Are Our Seaward Boundaries? **652**, 616.
Shamrock (yacht) **335**, 140.
Shanahan, J.J.: The Surface Forces (Salzer) (C&D) **889**, 75. **894**, 71.
Shanghai Duty 1937-1938 (Pict) **861**, 79.
Shanghai, Indefinite Status of. Bern Anderson **358**, 1699.
Shannon (Br.)
Don't Give Up the Ship! H.D. Purcell **747**, 82. **755**, 118.
Reported Lost **168**, 409.
Shannon (Br.) and Chesapeake (U.S.) **407**, 105. **612**, 214.
Case of Captain Lawrence. W.K. Post **401**, 969.
Courage Is Not Enough. E.M. Eller **401**, 943.
No More Courtly Challenges. C.C. Hanks **566**, 395. **574**, 1371. **584**, 1106.
Scapegoat of Chesapeake-Shannon Battle. A. Larsen **603**, 528. **614**, 453.
Shantung
China, Shantung, and the Versailles Treaty **197**, 1278.
Japan Explains Shantung Policy **199**, 1655.
Shapack, A.R.
Blue Water Monitor (Knowles) (C&D) **851**, 87.
Book Review **895**, 102.
The Current Fitness Report: Howgozit? (Pendley) (C&D) **894**, 66.
SHAPE's New Headquarters (ProfNote). R.J. Barrett **797**, 139.
Shapira, N.A.: A Water Shortage Problem (anec) **668**, 37.
Shapiro, Sumner
Blue Water Soviet Naval Officer **816**, 18.
Book Review **822**, 99.

Sea Stories (Cont.)
See also: History.
American Short Stories of Sea. C.L. Lewis **457**, 371. **461**, 1011.
English Short Stories of Sea. C.L. Lewis **453**, 1552.
Literature of Sea. W.L. Brown **452**, 1424.
Sea Tanks: See: Tanks.
Sea Terms: See: Traditions, Customs, and Sea Terms.
Seatia (SS): Sunk by Mine **190**, 2859.
"Seat of Your Pants Told You..." W.G. Moore **784**, 82.
SEATO—Segment of Collective Security. A.C. Miller, Jr. **684**, 50.
Seatrain (SS) **350**, 622.
Seatrain Havana (SS) **357**, 1680.
Seatrain New York (SS) **357**, 1680. **358**, 1836.
Sea Training of Marine Officer. G. Barnett **256**, 935.
Sea Trials: Growler Sea Trials (ProfNote). A.L. Palazzolo **689**, 128.
Seattle, Washington
See also: Pictorial. Seattle's Marine Museum.
When the Navy Fought the Indians (OldNav). T.R. Strobridge **746**, 156.
Sea Van Ship: See: Ironmonger, Richard: Sea Van Ship.
Seavey's Island Prison. R.H. Jackson **90**, 413.
Seaward Boundaries, Where Are Our. A.L. Shalowitz **652**, 616.
Seaways, Safer, Saner, J.H. Beattie **814**, 38.
Seaweed: Sargassum. T.N. Kelley **475**, 1215.
"Seawolf" Helo Pilots of Vietnam (ProfNote). A.E. Weseleskey **783**, 128.
Sea Words on Shore Duty. A.F. Westcott **281**, 1330. **283**, 1792.
Sebago (USCG cutter) **326**, 338.
Sebastian (SS)
Destroyed by Fire **173**, 1518.
Loss of the motor vessel Sebastian. Z.W. Wicks **178**, 2917.
Notable Motor Ships Record **172**, 1269.
Sebenico: Austrian Naval Base at Sebenico **149**, 191.
Sebree, U.: Cleaning the Bottoms of Steel Ships by Divers... **69**, 133.
Secant-cosecant Method. A.A. Ageton **344**, 1375.
Secondary Meridians. J.O. Porter **349**, 368.
Second Front, Winston Churchill and. W.H. Standley and A.A. Ageton **609**, 1219.
Secrecy and Deception in the Military: Military Cover and Deception vs. Freedom of Information. W.D. Woole, Jr. **874**, 18. **877**, 116, 119. **878**, 84.
Secrecy in Government. R.L. Taylor **841**, 72. **846**, 94.
Secretary of the Navy
"Lunchbow Charlie" Bonaparte (OldNav). Jack Downin **882**, 49. **889**, 85.
Role of the Service Secretary in the National Security Organization. P.R. Schratz **871**, 18.
Secretary of War and Navy. E.N. McClellan **362**, 534.
Sector Principle re Sovereignty **843**, 99.
Security
Industrial Security: A Challenge. E.U. O'Donnell **607**, 990.
Measure of Security. R. Hargreaves **619**, 999.
A Military Danger. T.B. Kittredge **629**, 731. **637**, 328.
Navy's Speech Control Has Worked. H.B. Say **724**, 74.
Office of International Security Affairs. T.J. Bigley **758**, 61.
Oil Rig: North Sea: Drilling Oil in Troubled Waters. D. Wettern **898**, 40.
Problem of Security. W.D. Lanier, Jr. **553**, 303.
Science, Security, and Signal-to-Noise. H.B. Sherry **666**, 31.
Security Clearance
Do You Need a Security Clearance? (ProfNote). J.O. Johnson **748**, 140.
What Clearance Eligibility Do You Have? E.W. Grenfell **623**, 75.
Security Is Just Good Business. S.E. Jones **648**, 146.
Task for Today: Security Through Seapower. R.E. Williams **661**, 23.
Security—National
See also: Preparedness.
American Quest for National Security. M. Matloff **723**, 84.
Can We Establish War Safety Controls? **703**, 100.
Critical Tomorrows. H.W. Baldwin **718**, 23.
Defense Planning Processes. S.M. Barnes **735**, 26.
The Effect of Public Opinion Upon National Security Policy (NavRev). Don Scovel **867**, 118.
Low Cost of Freedom. V.H. Krulak **809**, 68. **814**, 82. **815**, 88. **817**, 93.
Merchant Marine and National Security. A.F. Schade **695**, 84. **704**, 120.
National Communications System (ProfNote). W.F. Foster **746**, 139.
National Security: Can We Sell the Program? R.D. Colvin **868**, 18.
National Security Policy: Give the Public a Voice. E.F. Black **892**, 18.
The Paper Torpedo. R.J. Hanks **795**, 26. **800**, 114. **801**, 125. **805**, 94.
Petroleum Imports and National Security. T.S. Wyman **895**, 32.
Rational Victory. R.W. Selton **780**, 27. **783**, 109.
Security and the Double Standard. P.H. Backus **706**, 37.
Victory in Limited War. C.L. Parnell **796**, 26. **800**, 116, 117, 118. **804**, 92.
Where Do We Go From Here? J.E. Greenbacker **880**, 18.
Seeadler (SMS) **268**, 1001. **290**, 427.
Exploits of the. **177**, 2716. **178**, 3031.
Seeger, A.: U.S. Poet of World War **347**, 37.
Seely, C.S. **348**, 279.
Seery, T.J.: Clothing vs. Radiation (ProfNote). **726**, 126.
See-Through Ship, Minehunter for Royal Navy (Nbk) **827**, 112.
Segal, H.W.: DER in MARKET TIME (C&D) **779**, 104.
Segi Man. George Van Deurs **668**, 56.
Segovia (SS) **348**, 292.
Seiches: See: Oceanography.
Seika, Fujiwara: "Be on Guard" **856**, 45.
Seim, H.B. **668**, 111. **678**, 105. **700**, 108.
Alliances, The Ties That Bind (C&D) **790**, 101.
And Band Played On (anec) **561**, 1255.
Are We Ready to Wage Limited War? **697**, 27. **700**, 92, 94. **703**, 105.
Atomic Bomb--X-Factor of Military Policy **554**, 387.
Blackout Job (anec) **540**, 181.
Book Review **772**, 114.
Bottoms Up (anec) **696**, 161.
For Fleet: More Valuable Junior Officers **543**, 597.
[Hayward's] Book Review of Carrier Admiral (Clark) (C&D) **793**, 102.
High Cost of Living (anec) **569**, 721.
How Smart Can You Get? (anec) **596**, 1089.
It Was Worth It (anec) **541**, 295.
Men Who Came to Dinner (anec) **562**, 1375.
NATO: "Now is the time for all good members..." (Robinson) (C&D) **795**, 108.
Naval Power and Deterrence **706**, 61.
Navy and "Fringe" War **582**, 835.
Notice to Mariners Korean Area (anec) **651**, 487.
Purple Heart (anec) **545**, 835.
Super-Realism (anec) **560**, 1103.
To Be Taken with Grain "Assault" (anec) **616**, 657.
Two Star Noise Suppressor (anec) **614**, 383.
What Price Unification? (anec) **568**, 639.
Seismology
See also: Earthquakes.
Tsunamis, Strangest Waves on the Sea. E.B. Roberts **657**, 1201.
Seitz, F.C.: Vessel Traffic Systems: A View from the Bridge **866**, 24. **870**, 83.
Seiwell, H.R.: Anchoring Ships on High Seas **454**, 1733.
Seizure of Ships: Jus Angaria. T.W. Sheridan **408**, 159.
Sekino, Hideo: Japan and Her Maritime Defense (NavRev) **819**, 98.
Selandia (motor ship) **327**, 445.
Selandia (SS): Voyage of. **142**, 798. **143**, 1159.
Selby, M.E. **539**, 80.
Seldin, C.A.: Vestris (SS): Inquiry **319**, 811.
Selection
See also: Personnel.
Below-the-Zone (ProfNote). R.W. Hunter **827**, 104. **833**, 104.
For Those Facing Selection. J.E. Magee **669**, 71.
Selection and Promotion: See: Personnel; U.S. Navy--Promotion and Pay.
Selection Boards
See also: Promotion.
Deep Draft and Major Command Selection. M.W. Cagle **777**, 48. **780**, 104.
The E-8/E-9 Selection Process (ProfNote). E.C. Hughes **755**, 136.
Major Command. G.S. Morrison **822**, 14. **833**, 102.
Mysterious PG Selection Process. E.W. Lull **782**, 41. **787**, 106.
Postgraduate Selection (C&D) **841**, 107.
Survival of the Fittest: Five Years Later. W.W. Turkington **884**, 58. **887**, 78, 79. **888**, 73. **890**, 86.
Survival of the Fittest in Naval Aviation. J.E. Burgess **824**, 42.
Selective Service: See also: Military Service, Compulsory.
Selective Service System: Could We End the Draft Now? C.W. Tarr **832**, 58.
Selenium and Its Uses **214**, 2039.
Self-Containment Our Armor of. M.F. Talbot **416**, 1381.
Self-Destruct Devices? (C&D). R.C. Smith, III: **796**, 96. **800**, 122.
Selfridge, J.R. **301**, 220.
Selfridge, T.O.
Extracts from Letters of. **288**, 184.
Origin of USS Portsmouth **163**, 914.
Plan of Selection **163**, 915.
Self-Starters for Airplane Engines **256**, 1010.
Seligman, J.L. **376**, 834.
"Dies Irae" **402**, 1136.
Joint Navy and Army Procurement **383**, 33.
Paying Combatants in Foreign Wars **407**, 42.
Pensacola, Alma Mater of Naval Aeronautics **421**, 344.
War Finance **394**, 1829.
Selinger, Franz **659**, 96. **661**, 102. **703**, 102.
Sellars, Jere: Prestige on the Lower Deck (C&D) **753**, 119.

Sellars, R.F. **697**, 114.
Radar System Is Born (ProfNote) **708**, 146.
Regulus I Weapon System (ProfNote) **694**, 136.
Sellers, D.F. **340**, 857.
Foreword **392**, 1357.
United States Naval Academy **404**, 1427.
Selling to Service. G.M. Adee **252**, 234.
Selton, R.W.: Rational Victory **780**, 27. **783**, 109.
Semaphores
See also: Signals and Signaling.
Fiske Semaphore System. B.W. Fiske (illus) **107**, 679.
Semaphore System: See: Signals.
Seminole War, Second: Indian Key Massacre (OldNav). D.A. Dye, Jr. **861**, 74. **865**, 75.
Semmes, K.A.: Bahrain, Pearl of the Persian Gulf **759**, 90.
Semmes, R. **477**, 1543.
Semmes, Raphael: "Daar Kom Die Alabama" (OldNav). B. Eiseman **866**, 72.
Senate, U.S. **313**, 269.
Seneca (USCG)
See also: Attempt to Save the Wellington.
Ten of Crew Lost Attempting to Save SS Wellington **189**, 2667.
Senegal (FN) **337**, 401.
Sennett, Richard: The Relations between the Size, Speed and Power of Marine Engines **24**, 311.
Sensors
C^3 War at Sea (NavRev). Norman Friedman **891**, 124.
Sensor Accuracy Check Site (ProfNote). A.G. Menke **844**, 111.
Sentinel for a Century: the Proceedings, the Navy, and the Nation, 1873-1973. N.T. Kirk **848**, 96.
Sentinel (HMS): Launched, description **110**, 442.
Sentinel IBM Defense System (Nbk) **780**, 141.
Sentinels at the Bridge. B.B. Schofield **776**, 48. C&D: **782**, 104.
Sepoy (Eng.) **351**, 766.
Sequence that led to Yorktown. T.G. Frothingham **344**, 1327.
Serapis (Eng.) **353**, 1071.
Serapis vs. Bonhomme Richard: The Captain and the Convoy (OldNav). S.W. Bryant, Jr. **881**, 69.
Serat, M.E.: Why They Roll **345**, 1488.
Serfass, R.E.: "Tin Soldier" Is a Good Soldier (Strauss) (C&D) **832**, 104.
Serigison, C.: Ship Models **429**, 1553.
Serje, J.C.: Lesson in Brevity (anec) **697**, 67.
Serlick, Howard: Remembrance of My Cruise (Focht) (C&D) **799**, 107.
Serpente (It.) **351**, 770. **356**, 1527.
Serrano (Chil.) **337**, 403.
Serrell, Andrew **690**, 113.
Mars, No Bettah Da Kine **654**, 857.
Service Academies: See: Simons, W.E.: Service Academies and Higher Education.
Service Aircraft. H.M. Martin **342**, 1039.
Service Badges: See: Decorations; insignia; medals.
"Service Boast" **392**, 1484, 1490.
Service Force in Action. D.M. Karcher **814**, 28. **828**, 102.
Service Schools. O. Smith **278**, 691.
Service Secretaries: Role of the Service Secretary in the National Security Organization (C&D) **875**, 67.
Service Squadron Ten: Seron Ten. W.R. Carter **540**, 153. **543**, 629.
Service Wives: "Sweethearts and Wives"--a Tribute. R. Hargreaves **684**, 63.
Serving a Monarch **335**, 55.
Serving One's Country. O.D. Waters, Jr. **600**, 168. **607**, 1019.
Seter, Vera: Proceedings Cover--The American's Creed (C&D) **832**, 101.
Seteroff, S.S.
Computing Current by DR Position Error (ProfNote) **856**, 117.
Navigation Fixes From Random Bearings (ProfNote) **799**, 147. **804**, 89.
Seton, A.L.
Iron Discipline (anec) **652**, 597.
Pearl Harbor and the Colorado, Nevada, Taney, and Utah **887**, 84.
Settembrini (It.) **339**, 681. **355**, 1374.
Setting-up exercise. See: Physical Exercise.
Settle, T.G.: See: J.G. Vaeth. When the Race for Space Began.
Settle, T.G.W. **357**, 1689. **378**, 1142. **448**, 868.
Airship Engines **330**, 745.
Gordon Bennett Race (1932): **362**, 521.
Mission of Naval Airships **357**, 1621.
Stratosphere Flight **371**, 136.
Why No Blimps? **432**, 238.
Winning Balloon Race **318**, 677.
Settsu (Jap. battleship): Description **131**, 975. **142**, 722.
Seumanutafa (Samoan Chief) **295**, 1043.
Letter regarding bravery of Seumanutafa in Samoan hurricane. W. Churchill (photo) **126**, 601.
Sevastopol (Russ. battleship)
Description **135**, 884.
Launched; description **139**, 1070.
Plans **142**, 775.
Seven Sea: Origin of term. **283**, 1792. **288**, 261.
Seventh Fleet, U.S.
Ready Power for Peace--The U.S. Seventh Fleet. G.P. Steele, II: **875**, 24.
Seventh Fleet Presence Keeps Flag Visible in Asia (Nbk) **829**, 126.
Seven Year Itch. W.A. Matson **662**, 75.
Seven Years' War: British Raid, St. Cast, 1858: **504**, 213.
"Sever" and the Baltic Bottleneck. C.L. Parnell **798**, 26. **805**, 88.
Severn (USS): Converted into Merchantman **171**, 1030.
Severyanka--Soviet Submarine for Scientific Research (ProfNote). V.P. Petrov **798**, 138.
Seward, H.L. **365**, 1047.
Sewell, J.S.: Electricity in its application to submarine mines **103**, 708.
Sex, T.J.: U.S. Naval Sailing Association (C&D) **783**, 108.
Sextants
See also: Instruments.
Averaging **410**, 558.
Averaging Bubble Sextant Observations. P.V.H. Weems **436**, 861.
Bubble Sextant Altitude Corrections. P.V.H. Weems **477**, 1583.
Earth's Rotational Effect on Bubble Sextant. P.V.H. Weems and T.L. Thurlow **452**, 1420.
Evolution of Sextant. E.S. Clark, Jr. **405**, 1581.
Inexpensive Handmade Sextant. E.S. Clark, Jr. **377**, 908.
Inquiry for Second-hand **431**, 147.
Luckner: Historic Sextant. H. Gatty **428**, 1439.
Seydlitz (Ger. cruiser)
Description, illustration **147**, 1334.
Instance of esprit de corps of crew **147**, 1335.
Seymour, J.M.
First Hundred Years Are... (Smith) (C&D) **853**, 94.
King of the Oceans (Sanders) (C&D) **861**, 95.
Seymour, John C.: Some Civilian Thoughts on the Navy **835**, 18.
Seymour, P.: Officers on Ships of American Registry **393**, 1661.
Seymour, R.F.: Conduct of Naval Battle **220**, 932.
Seymour, Sir B.: The Official Report of the Bombardment of Alexandria **22**, 540.
Seymour Relief Expedition. D.W. Wurtsbaugh **102**, 207.
Shackleton, E. **223**, 1466. **225**, 1840. **230**, 679.
Shackleton, J.R.
The Odd Ones (Pict) (C&D) **820**, 91.
Oglala--Ship That Sank From Fright (Featherman) (C&D) **847**, 88.
Shadows of Tomorrow, In the. C.S. Thomas **634**, 1407.
Shafroth, J.F. **273**, 2164. **418**, 1787. **427**, 1347. **716**, 116.
Capture of Louisbourg in 1758: **419**, 78.
Capture of Quebec in 1759: **420**, 187.
Naval Historical Foundation (ProfNote) **703**, 139.
Strategy of Yorktown Campaign **340**, 721.
Sahfter, R.A.
Armed Forces Care--Through CARE **630**, 897.
New Red Naval Doctrine in Making? **596**, 1091. **607**, 1020.
Shafter, W.R.: Sampson and Shafter at Santiago. L.J. Gulliver **436**, 799.
Shafting, thrust meters for marine **226**, 1977.
Shakedown Cruises
From Shakedown to Showdown. F.M. Curran **438**, 1141.
Naval Reservist's Impressions. F.M. Curran **434**, 563.
Shakespeare, Ratings by. V.P. Douw **444**, 235.
Shallow Draft Logistics Craft (C&D) **798**, 108.
Shallow Water, Effect on Ship Speed **227**, 139.
Shalowitz, A.L.
Navigability **461**, 932.
Where Are Our Seaward Boundaries? **652**, 616.
Shamrock (yacht) **335**, 140.
Shanahan, J.J.: The Surface Forces (Salzer) (C&D) **889**, 75. **894**, 71.
Shanghai Duty 1937-1938 (Pict) **861**, 79.
Shanghai, Indefinite Status of. Bern Anderson **358**, 1699.
Shannon (Br.)
Don't Give Up the Ship! H.D. Purcell **747**, 82. **755**, 118.
Reported Lost **168**, 409.
Shannon (Br.) and Chesapeake (U.S.) **407**, 105. **612**, 214.
Case of Captain Lawrence. W.K. Post **401**, 969.
Courage Is Not Enough. E.M. Eller **401**, 943.
No More Courtly Challenges. C.C. Hanks **566**, 395. **574**, 1371. **584**, 1106.
Scapegoat of Chesapeake-Shannon Battle. A. Larsen **603**, 528. **614**, 453.
Shantung
China, Shantung, and the Versailles Treaty **197**, 1278.
Japan Explains Shantung Policy **199**, 1655.
Shapack, A.R.
Blue Water Monitor (Knowles) (C&D) **851**, 87.
Book Review **895**, 102.
The Current Fitness Report: Howgozit? (Pendley) (C&D) **894**, 66.
SHAPE's New Headquarters (ProfNote). R.J. Barrett **797**, 139.
Shapira, N.A.: A Water Shortage Problem (anec) **668**, 37.
Shapiro, Sumner
Blue Water Soviet Naval Officer **816**, 18.
Book Review **822**, 99.

Shapiro, Sumner (Cont.)
Intervention in Russia (1918-1919): **842**, 52. **846**, 97.
Sharer, R.W.: Battle: No Longer the Pay-off? (Possony) (C&D) **815**, 88.
Shark (Eng.) **356**, 1523. **405**, 1606.
Story of the Shark in the Jutland Battle **180**, 440.
Shark (U.S. schooner) **432**, 190.
Sharks
Bag to Keep Sharks From Men (Nbk) **769**, 142.
James Griffin, Naval Jonah. A. Farenholt **441**, 1607.
Man-Killers of the Ages. H.S. Mazet **415**, 1289.
Navy Countermeasure Research (Prof-Note). C.A. Barton **872**, 115.
Shark Bite, Fatal. J.M. Phalen **315**, 462.
Survival Among Sharks. E.L. Frasier **827**, 42.
Technology of U.S. Navy "Shark Chaser." R.L. Tuve **531**, 523.
Whale Shark on the Stem. V.A. Sherman **626**, 441.
Sharp, A.: Postgraduate Instruction **251**, 48.
Sharp, A., J.E. Palmer, Jr., and R.S. McKnight, Jr.: Shall We Harken Unto Fables? **518**, 553.
Sharp, A.B.: Navy vs. News **374**, 529.
Sharp, G.F.: Unforgettable Moment (anec) **608**, 1075.
Sharp, G.H. **683**, 122.
Sharp, T.E.: Moonlighting Toward a Master's (C&D) **789**, 113.
Sharp, W.D. **551**, 99.
Ideal Navy Supply Depot **228**, 251.
Military Commands (anec) **553**, 301.
Pure Minded Skipper (anec) **541**, 349.
What Do? (anec) **540**, 209.
Sharpe, J.A. **648**, 215.
Authorized Abbreviations (anec) **636**, 179.
Man Bites Dog (anec) **680**, 39.
Sharpe, N.W.: Salt Horse to Sirloin **615**, 515. **619**, 1041.
Shaver, E.B.: New Era in Navy Recruiting (Thibault) (C&D) **882**, 81.
Shaver, R.D.: The Only Option? (Lowe) (C&D) **825**, 86.
Shaw, B.C.: The Hobson Craze **876**, 54. **883**, 83.
Shaw, C.C.
Aviation Medicine **475**, 1264.
Be of Good Courage (anec) **591**, 517.
Challenge of the Vertical Frontier **662**, 48.
National Blood Program **599**, 51.
"Pro Bono Medico" **547**, 1099.
Shaw, F.J. (BkRev) **770**, 121.
Shaw, H.I., Jr. **705**, 120. **722**, 129. **726**, 110.
Shaw, J. **283**, 1764.
Shaw, J.B.: Electric vs. Geared Drive **247**, 1536.
Shaw, J.C. **556**, 709. **608**, 1143. **615**, 585. **634**, 1391. **684**, 106.
Challenge for Line Officer **560**, 1133.
Commanding Mothballer **588**, 161.
Every Man's Task Force **767**, 62.
First Year of Line School **537**, 1341.
How Naval Bases Can Sell Sailors Short **584**, 1083. **590**, 439. **594**, 907.
Jarvis: Destroyer that Vanished **564**, 119.
Papua: Lesson in Seapower **573**, 1205.
Rise and Ruin of Rabaul **580**, 625.
What About Duty in Washington? **638**, 362.
Shaw, S.R.: General Staff System for Navy? **582**, 821.
Shaw (U.S.) **411**, 633.
See also: Swan, D.E.: Up from Ashes--Saga of Cassin and Downes.
A Critical Moment (C&D). R.A. Dierdorff **763**, 124.
Collides with SS Aquitania **189**, 2671. **190**, 2863.
Day the SecNav's Stars Blew Off. R.A. Dierdorff **641**, 700.
Shaw-Aquitania Collision. A.G. Berry, Jr. **285**, 2275.
Shawmut: Determination of Centre of Gravity. T.D. Wilson **1**, 149.
Shawmut, S.S.: Repairs made to Shawmut without dry-dock **114**, 455.
Shaynes, Harvey: Civilian m, Civ tion, and the Military Services (Sandsberry) (C&D) **851**, 89.
Shea, J.D., Jr.: Modern Destroyer Bridge Design (C&D) **787**, 104.
Shea, T.E.: Project Poseidon **696**, 32. **702**, 110.
Shear, H.E. (BkRev) **755**, 122.
Demotion of Professionalism at the War Colleges (C&D) **751**, 112.
Freedom of the Seas **664**, 66.
Polaris Duty, Pinnacle or Predicament? (C&D) **779**, 108.
Shearer, W.B. **257**, 1155. **262**, 2095. **264**, 286, 303, 305. **321**, 1005.
Shearman, J.A.: Electric Resistance of Service Fuzes... **42**, 483.
Sheathed or Unsheathed Ships. P. Hichborn **48**, 21.
Sheating: Not favored by U.S. Construction Board **102**, 390.
Sheats, Robert C.: Saturation Diving **835**, 54. **846**, 89.
Sheehan, J.M. **520**, 838. **528**, 203. **574**, 1371. **614**, 452.
Adventures in Futility **547**, 1087.
From Side Lines **431**, 33.
Genesis and Passing of "Open Door" **577**, 247. **595**, 1026.
Gorges of Yangtze Kiang **489**, 1418.
Layman Takes Issue with Lawyers **535**, 1065. **541**, 351.
Nanking **487**, 1189.
No More Paint (anec) **623**, 85.
Of Human Contacts **430**, 1736.
Samuel Pepys, Naval Administrator Extraordinary **545**, 865.
Surface Navigation with Bubble Octant **391**, 1228. **396**, 252.
Those Outmoded Virtues--Thift and Responsibility **412**, 813. **414**, 1170.
Wardroom Mess **400**, 842. **414**, 1169.
Watchmaker and Scientist--Almost Forgotten Controversy **492**, 161. **497**, 893.
Sheehan, S.M. **584**, 1106.
Shelesnyak, M.C. (joint author): See: Gell, C.F.
Shellac: See: Paint.
Shells
See also: Ammunitions (shells); Guns and Gunnery.
Shell Shock
See also: Firing, physical effects of.
Effects of Shell Fire **159**, 1656.
Shemanski, F.B.: The Current Fitness Report: Howgozit? (Pendley) (C&D) **895**, 81.
Shemanski, F.D.: The Frustration Factor **818**, 27. **823**, 91.
Shemanski, T.B. **781**, 105, 106. **786**, 105.
Early Command--Who Wants It? (C&D) **776**, 99.
Shenandoah: See: Airships--United States.
Shenandoah (CSS) **220**, 909.
Confederate Raider Shenandoah at Melbourne. C. Woodworth **844**, 66.
Last Confederate Raider. C.C. Hanks **455**, 21.
Shenandoah (ship): Description **134**, 645.
Shenandoah (U.S.): Daughter of the Stars. J.G. Vaeth **847**, 61. **850**, 84, 85.
Shenton, E.H.: Challenger of the Challenger **786**, 74.
Shepard, A.M.
Byzantine Empire **452**, 1412.
Byzantine Reconquest of Crete **462**, 1121.
Naval History of Turkey **468**, 209. **469**, 341. **471**, 704.
Shepard, Tazewell, Jr. and Allan Slaff **779**, 102. **783**, 107.
The People Factor **769**, 76. **773**, 107. **774**, 105. **776**, 109.
Shepherd, F.W.: United States Navy for the Future (Smith) (C&D) **829**, 102.
Shepherd, L.C., Jr.: "As President May Direct" **585**, 1149.
Shepherd, P.M.: The Black Shoe: Back in Fashion **862**, 38. **866**, 77.
Shepherd, Pat: The Surface Forces (Salzer) (C&D) **889**, 76.
Shepler, D.C. (artist)
Air Contact--North Atlantic--September 1964 Cover.
South Dakota during the Battle of Santa Cruz--February 1963 Cover.
Sheppard, J.C. **640**, 657.
Sheppard, W.: Dismal Spit and Her Mackerel Taxis **500**, 1253.
Sheppard, Warren (artist): Flying Cloud--April 1964 Cover.
Sher, T.S.: The Leadership Challenge of the Politicalized Navy (Leadership Forum) **873**, 70.
Sherar, R.C., and Jay Rosenthal: Don't Fall in the Radar Hole **850**, 55. **857**, 92.
Sherer, R.W.
Contingency Planning (Hughes) (C&D) **795**, 113.
Declare Yourself (anec) **801**, 83.
The Encircling Sea (Clark) (C&D) **805**, 91.
Sheridan, Emmett H.: G.I. Humor (anec) **632**, 1143.
Sheridan, R.E.
Cost Effectiveness-Fact or Fancy (C&D) **744**, 116.
River Gunfire Support Ship (C&D) **780**, 101.
Sheridan, R.N. **690**, 118.
Sheridan, T.W. **362**, 575, 577. **370**, 1780. **386**, 555. **411**, 709. **418**, 1779. **419**, 101. **421**, 403. **427**, 1337. **431**, 98. **447**, 719.
American Marine Thermopylae **410**, 503, 551. **412**, 918.
Dangerous Doubts **412**, 789.
Deck Officer Training for Merchant Marine **346**, 1637.
Fothering **448**, 824.
Jus Angaria **408**, 159.
Safe Stems for Ships **388**, 812.
Safety at Sea **396**, 172.
Swell Damage **444**, 177.
Sherman, F. **362**, 586. **374**, 550.
Sherman, F.C.: Stimulating interest in engineering **211**, 1437.
Sherman, F.P. **257**, 1130. **263**, 103. **339**, 702. **344**, 1432. **352**, 911.
Air Operations in Palestine **293**, 787.
Air Tactics and Strategy **279**, 855.
Air Warfare **275**, 62.
British Occupation of Guantanamo Bay **338**, 509.
Carrier and Cruiser Design **333**, 997. **346**, 1710.
Fighters **331**, 831.
Main Battery Elevations and Fighting Aircraft **266**, 600.
Naval Aircraft in International Law **274**, 2259.
Sherman, V.: Sailing at Naval Academy **557**, 807.
Sherman, V.A. **570**, 918.
Battle of Vella Gulf **503**, 61.
Whale Shark on the Stem **626**, 441. **631**, 1051.
Sherman, W.T. **354**, 1175. **361**, 439.
Sherr, D.H. **560**, 1179.
Sherry, H.B.
Josiah Willard Gibbs (NewNav) **686**, 156.
Science, Security, and Signal-to-Noise

666, 31.
Shevlin, P.J.M.: Royal Navy's First Assault Ship (ProfNote) 765, 148.
Shields, S.V.: More Than Luck (anec) 559, 994.
Shields, W.S. 542, 493. 564, 207.
No Rose-Colored Glasses 553, 337.
Shijiki Maru (SS) 201, 1937.
Shikari (HMS) 343, 1262.
Shilling, C.W. 671, 117. 686, 123.
Captain's Dilemma (anec) 648, 180.
Shilling, Charles W. (joint author): See: George W. Dyson.
Shilling, J.H.: Church Call Without a Chaplain 675, 70. 681, 100.
Shimada, Koichi: Japanese Naval Air Operations in the Philippines Invasion 623, 1. 631, 1048.
Shimakaze (Jap.) 600, 206.
Shimberg, Edmund: "I am the Two-Headed Ogre..." (Keener) (C&D) 882, 73.
Shimonoseki, Battle of, 1863: 477, 1546.
Shinano (Jap.)
Jinx Carrier. L.L. Moore 600, 142.
Your Island Is Moving at 20 Knots! R.L. Underbrink 799, 81. 803, 98.
Shintoism, Menace of. J.R. Young 542, 463.
Shintoku Maru (Jap. barkentine) 439, 1381.
Shipbuilding
See also: Naval Architecture; Merchant Marine; Proceedings Special Issue.
An Act of Faith and Hope. D. Bess 865, 43. 869, 81.
Austrian Shipbuilding 1916: 167, 186.
British, 1900: 94, 370.
British Admiralty's Shiplights Order, May 1917: 173, 1516.
British Yards to Build Three U.S. Ships (Nbk) 764, 160.
Building Major Combatant Ships in World War II. H.F.D. Davis 531, 565.
Building of the USS Saratoga. C.R. Hirschberger 675, 80.
Building Ships Without Rivets 186, 1903.
Can We Modernize U.S. Shipbuilding? C.J. DiBona 755, 22. 759, 116, 122.
Case for the Modernized Shipyard. R.V. Laney and S.B. Winram 799, 50.
Commercial Shipbuilders: Risk and Reward. J.J. Palmieri 870, 46.
Communist China--Growing Seapower? (ProfNote). R.W. Herrick 823, 106.
Contracts Signed for Giant Ships (Nbk) 792, 157.
Cost of building a battleship in a navy yard. A. Gleaves 162, 439.
Down East Ships of the Union Navy. D.C. Switzer 741, 82.
The DX Competition. J.W. Devanney, III: 870, 18. 874, 71. 876, 75. 882, 74.
Electrically Welded Ship 188, 2426. 190, 2846.
Elgar, John--America's First Iron Shipbuilder. A.C. Brown 571, 991.
The Excellent Ships of Bombay (Old-Nav). J.M. Windas 830, 68. 842, 91.
Finnish Icebreakers. C. Landtman 792, 73. 798, 103, 104. 799, 108.
The Fourth Coast: Five Lakes and Five Rivers (NavRev). O.T. Burnahm 867, 174.
French to Build Soviet Ships (Nbk) 788, 160.
French Shipyard at La Seyne 140, 1416.
Germany 212, 1653. 224, 1623. 229, 457. 231, 807. 242, 682. 249, 1913. 268, 1068. 270, 1504. 294, 888.
Building records in German Shipyards (1913): 148, 1738.
German Naval Construction for Foreign Countries (1913): 150, 511.
German Shipbuilding Resources (1911): 140, 1422.
German Shipyards, 1910: 134, 602. 1911: 139, 1045.
Germany's Shipbuilding Capacity in 1914: 154, 1800.
Shipbuilding Capacity of Germany (1916): 163, 933.
Shipbuilding Developments in Germany (1918): 189, 2614.
Great Britain 211, 1512, 1522. 215, 105. 225, 1809. 240, 323. 268, 1064. 270, 1500. 289, 352. 308, 904.
British Standard Merchant Ships (1917): 171, 999.
Capacity of Private British Shipyards in 1909: 130, 584.
English Shipyard Building Records (1903): 106, 454.
Shipbuilding in Great Britain (1916): 166, 2045.
Triumph of British Firms in Foreign Competition (1913): 150, 528.
The Yarrow Works in British Columbia 150, 530.
Isherwood System of Shipbuilding 167, 177.
Japan 210, 1324. 220, 943. 221, 1104. 230, 657. 310, 1089.
Japan: Dragon Puts to Sea. W.S. Howard 582, 831.
Japan at Shipbuilding Peak (Nbk) 737, 150.
Japanese A-Ship Status (Nbk) 747, 164.
Japanese Get Order for Six Giant Tankers (Nbk) 766, 176.
Japanese Shipbuilders Lead World For Ten Years (Nbk) 810, 128.
Japanese Shipbuilding, 1917: 169, 566. 173, 1504.
Japanese Shipyard at Tsurimi 166, 1978.
Japanese Shipyards (Nbk) 747, 161.
Japanese Study Hinged Vessel (Nbk) 729, 143.
Japanese Yards Plan Hinged Ships (Nbk) 721, 146.
Japan Leads Shipbuliding (Nbk) 805, 123.
Japan's Phenomenal Shipbuilders. S. Nakayama and M. Chihaya 762, 26.
Japan Says "No" To Soviet Orders (Nbk) 765, 178.
New Ships of Japan's Maritime Self-Defense Force (ProfNote). Motoyoshi Hori 771, 148.
Output of Japanese Shipyards in 1914: 157, 928.
Largest Naval Ships Constructed on the Great Lakes 684, 103.
More Light on Shipboard. R.D. Gatewood 136, 1059.
Naval Construction on the Great Lakes. M.H. Gluntz 648, 133.
Naval: Review of Post-War Construction. M.E. Holbrook 573, 1231. 578, 423.
Navy Criticized on Nuclear Shipbuilding (Nbk) 773, 148.
Navy Maps Automated Shipyard (Nbk) 766, 161.
Navy Modernizes Shipyard Concept (Nbk) 770, 146.
Navy Shipbuilding: Building Ships or Bureaucracies? L.D. Chirillo 870, 38. C&D: 875, 68.
Navy Shipbuilding Program in 1976: 887, 122.
1962 Shipbuilding Program (ProfNote). E.L. Castillo 705, 130.
Our Nation's Shipyards. J.J. Meyer, Jr. 741, 34.
Perry's Mark I FRAM (ProfNote). J.P. Kane and R.A. Komorowski 689, 121.
Plan to Let British Build U.S. Ships (Nbk) 752, 160.
Repairs: Surface Ship Overhauls. R.L. Madouse 756, 26. 758, 132. 763, 117, 119, 121. 767, 99.
Russia
Ship Construction for the Soviets (Nbk) 739, 155.
Soviet Merchant Marine. A.C. Sutton 803, 34.
Soviet Shipbuilding and Shipyards (NavRev). Norman Polmar 831, 272.
Soviet Shipbuilding in the East, West (Nbk) 776, 148.
Sec. Boyd Rebutted on Building Abroad (Nbk) 770, 152.
Shaping a Ship (Pict.). E. Bonner 827, 60.
Shipbuilding Abroad: Building Aboard Is Basic to Transportation. Secretary Boyd (Nbk) 776, 150.
Shipbuilding and Its Interests on the Pacific Coast. F.P. Gilmore 50, 443.
Shipbuilding at Record High (Nbk) 796, 156.
Shipbuilding Costs: Value Engineering in Bureau of Ships (ProfNote). R.L. Crouse 693, 152. 700, 98.
Shipbuilding Losses Are Mounting, British (Nbk) 810, 128.
Shipbuilding Program: The Carrier. S.T. De La Mater 884, 66. 888, 79, 80.
Shipbuilding Records Broken (Nbk) 804, 125.
Shipbuilding Surge Slowed, MarAd Indicates World (Nbk) 813, 106.
Shipbuilding Technology in Japan (ProfNote). Sadayoshi Nakayama and Masataka Chihaya 787, 140.
Ship Technology and Defeat of Armada. C.M. Robinett 588, 171.
Shipyards Set Record Pace (Nbk) 743, 139.
Spanish Yard's Output Up 30 Percent (Nbk) 772, 153.
Statistics, various 210, 1336. 217, 426, 428. 226, 1958. 228, 302. 230, 659. 232, 1022. 250, 2080. 266, 642. 271, 1782. 273, 2190. 275, 164. 283, 1895. 295, 1005. 327, 448. 343, 1265.
Tankers (Pict) 890, 60.
Three Texas Mules and the Navy. E.B. Perry 682, 66.
To Build a Better Ship on Time. T.B. Buell 761, 91. 765, 124, 125.
United States 211, 1512, 1522. 215, 105. 229, 474. 231, 823, 824. 232, 1031. 250, 2080. 253, 472. 256, 1003.
See also: Merchant Marine; Naval architecture; Ships. For contruction of warships see Navy--Vessels Building" under names of countries.
America's Shipbuilding Problems (1917): 176, 2351.
Fore River Shipbuilding Corporation (1915): 160, 2034.
Output of American Shipyards, 1915: 164, 1319.
Preparedness and Private Yards in U.S. 169, 582. 170, 804.
Shipbuilding in the U.S. (1916): 163, 945. 167, 186.
Shipbuilding Output in U.S. in 1919, Jan.-May 198, 1442.
U.S. and Soviet Work in Adjacent British Yards (Nbk) 765, 161.
U.S. Asks British Ship Bids (Nbk) 760, 166.
U.S. Facilities for Building Submarine Chasers 170, 791.
U.S. Shipbuilders Win Concessions (Nbk) 775, 149.
U.S. Shipbuilding Situation, 1917: 168, 387. 172, 1288.
United States is 16th in Keels Laid (Nbk) 746, 152.

Shipbuilding (Cont.)
United States (Cont.)
U.S. Yards Need Designs, Not Methods (Nbk) **760**, 168.
The Wooden Ship Controversy in the U.S., 1917: **173**, 1533.
Which Five-Year Shipbuilding Program? D.H. Rumsfeld **888**, 18. **892**, 84. **894**, 69.
World Shipyard Orders at Record High (Nbk) **787**, 159.
Shipman, R.P.
The Female Naval Aviator: A Free Ride? (NAMB) **871**, 84. **874**, 75. **876**, 76, 77. C&D: **884**, 93.
Shipping
See also: Merchant Marine.
American Shipping and Shipbuilding **92**, 931.
Collective Security and the Defense of Shipping. B.B. Schofield **793**, 36. **798**, 115.
Shipping and Shipbuilding in the United States. J.W. Ross **94**, 363.
Shipping Losses Drop in 1968 (Nbk) **803**, 137.
Spain and Soviet Union Sign Shipping Agreement (Nbk) **772**, 150.
Versatile, Vulnerable Container Ship. F.B. Case **828**, 48.
Shipping Board
See also: Emergency Fleet Corporation.
Annual Report **348**, 291.
Bids and Sales **203**, 126. **227**, 123. **231**, 823. **237**, 1973. **245**, 1197. **249**, 1914. **255**, 830. **271**, 1790-1. **280**, 1241. **314**, 334. **352**, 933. **357**, 1680. **358**, 1836.
Bill Would Incorporate With Navy **252**, 294.
Charter Plan **225**, 1822.
Controversy **273**, 2207. **274**, 2397, 2400.
Do We Need Merchant Marine? **234**, 1416.
Engineering Competition **327**, 449.
Financial Notes (Loans, etc.) **226**, 1971. **227**, 124. **232**, 1030. **234**, 1433. **236**, 1799. **264**, 319. **278**, 767. **321**, 993. **351**, 777. **357**, 1680.
Increase in Mail Rates Recommended **336**, 258.
Liquidation of Merchant Fleet Corporation **338**, 543.
Policy **244**, 1029.
Statistics **201**, 1921. **230**, 662. **232**, 1033. **235**, 1592. **312**, 148.
Subsidies: See: Merchant Marine.
Transfer to Department of Commerce Recommended **348**, 291.
Shipping Industry
An Act of Faith and Hope. D. Bess **865**, 43. **869**, 81.
Automation, The Bitter Pill. V.R. Carlson **777**, 37. C&D: **780**, 106. **781**, 115, 116.
Domestic Shipping and American Maritime Policy (NavRev). W.T. Sansone **855**, 162.
Port of London Authority (Pict). R.D. Wells **823**, 64.
Around the Cape of Good Hope, Not Suez (ProfNote). A. Harrigan **783**, 131.
Ships
See also: Merchant Marine. For war vessels see names of class and names of vessels.
Air-Capable: Our Coming Air-Capable Navy (NavRev). G.G. O'Rourke **891**, 90.
Argentina
Battleship Ordered **100**, 751.
Buenos Aires **76**, 931. **77**, 253.
Corrientes **80**, 843.
Entre Rios **80**, 842.
General San Martin **87**, 542.
Gunboats Building **100**, 751.
Misiones **80**, 842.
Patria **70**, 457. **72**, 852.
Presidente Sarmiente **83**, 588.
Santa Fe **79**, 696.
Torpedo-boat Destroyers **78**, 522.
Varese **78**, 522.
Warship Building Notes, 1896: **77**, 243.
Armaments, Table of Ships **76**, 933.
Austria
Armored Cruise E, Description **97**, 151.
Arpad, Names of Ships of This Class **98**, 381.
Arpad, Launch **100**, 752.
Battleship A, Displacement **97**, 151.
Boa **87**, 545.
Buda Pest **78**, 517. **85**, 136.
Danube Flotilla **98**, 381.
Habsburg **96**, 695.
Habsburg, Complete description, Launch **97**, 151.
Maria Theresa **67**, 327.
Szigetvar, Complete Description, Launch **97**, 152.
Viper **77**, 241.
Zenta **83**, 588.
Automated Ship Goes Down Ways; Prudential Line's Oceanjet Launched (Nbk) **756**, 148.
Bells: See: Bells.
Book Review **358**, 1820.
Bottoms, Fouling **330**, 688. **357**, 1680.
Brazil
Amazonas **80**, 841.
Aquidaban (torpedo effect) **71**, 622.
Barrozo **79**, 695.
Caramura **78**, 524. **81**, 185.
Coast-defense Battleships **81**, 185.
Marechal Deodoro **87**, 546.
Nictheroy, America **68**, 391.
Torpedo-boats **70**, 458.
Submarine Boats **100**, 752.
Vessels Building 1896: **78**, 524.
Warship Building Notes, 1896: **77**, 242.
Warship Building Notes **79**, 695.
Building of Ships: Address. Sir W. White **92**, 881.
Can We Really Afford Surface ASW Ships? (C&D) **863**, 85.
Cargo-Handling
Cargo Ship Design. R.P. Holubowicz **770**, 73. **773**, 110. **776**, 98.
Case for Roll-on/Roll-off Ships (ProfNote). J.R. Hauser **741**, 139.
Cargo Vessel, Modern **219**, 755.
Changes in Ships' Status (Nbk). J.B. Finkelstein **863**, 111. **864**, 108. **865**, 109. **868**, 110. **869**, 108. **870**, 125. **871**, 111. **872**, 126. **873**, 105. **874**, 106.
1 January 1972-31 October 1972: **839**, 118.
1-30 November 1972: **840**, 120.
1-31 December 1972: **841**, 126.
1-31 January 1973: **842**, 120.
1-28 February 1973: **843**, 360.
1-31 March 1973: **844**, 116.
1-30 April 1973: **845**, 126.
1-31 May 1973: **846**, 125.
1-30 June 1973: **847**, 126.
1 July-31 August 1973: **849**, 124.
1-30 September 1973: **850**, 126.
1-31 October 1973: **851**, 118.
1-30 November 1973: **852**, 124.
1-31 December 1973: **853**, 126.
Naval Review: D.L. Strole and W.E. Dutcher **807**, 462.
Changes in Status of Ship, 1 July 1976--1 October 1977. S.E. Morison **896**, 103.
Changes in Status of Ships and Shore Establishments (C&D) **864**, 84.
Changes in Status of Ships and Shore Establishment. J.B. Finkelstein **867**, 276. **875**, 111. **876**, 110. **877**, 141. **878**, 120. **880**, 105. **881**, 108. **876**, 83.
1-31 January 1974: **854**, 126.
1-28 February 1974: **855**, 299.
1-31 March 1974: **856**, 125.
1-30 April 1974: **857**, 127.
1-31 May 1974: **858**, 126.
1-30 June 1974: **859**, 126.
1-31 July 1974: **860**, 117.
1-31 August 1974: **861**, 127.
1-30 September 1974: **862**, 125.
Chili
Almirante Senoret, Launch **100**, 752.
Almirante Simpson **78**, 521. **79**, 696.
Blanca Encalada **71**, 642. Launch **68**, 503.
Capital Orella **80**, 841.
Esmeralda **78**, 521. **81**, 185.
General Baquedano **92**, 949.
Munos Gamero **80**, 842.
O'Higgins, Launch: **82**, 385. Trials: **86**, 388.
Teniente Serrana **78**, 522.
Torpedo-Boat Destroyers Purchased **100**, 753.
Warship Building Notes, 1896: **77**, 243.
China
Building Program, 1897: **84**, 756.
Hai-Chi **85**, 138.
Hai-Tschen **85**, 138.
Hai Yung **84**, 756.
Notes, 1897: **81**, 187.
Notes on Torpedo-boats **80**, 843.
35.2-knot Torpedo Boat **87**, 547.
Warship Building Notes **79**, 698.
Classification
Classification of Warships (ProfNote). R.V.B. Blackman **703**, 129.
The Marine Surveyor. J.W. McCurdy **874**, 34.
New Ship Classification (Nbk) **792**, 152.
Ship Classification--Time For Overhaul (ProfNote). W.D. O'Neil, III: **830**, 115. **835**, 93. **837**, 93. **839**, 97.
Ship Tonnages (ProfNote). Robert Mac Alvanah **721**, 132.
Classification System: Classification of Maritime Administration Vessels (ProfNote). J.J. Gelke **777**, 133.
Colombia
La Popa, Foundered **100**, 753.
Namouna, Purchased **98**, 381.
Commissioning and Precommissioning: Two-Crew Ship: Precommissioning to Deployment. W.A. Matson **752**, 68.
Common Purpose--Common Ship? (C&D) **839**, 99.
The Composite Ship **174**, 1828.
Concrete Ships: See: Concrete Ships.
See also: Concrete Ships.
Coating for Concrete Vessels **186**, 1903.
Concrete in Warship Construction **179**, 135.
The Concrete Ship **181**, 652. **185**, 1637.
Concrete Ship Faith Superior to Steel **185**, 1637.
Concrete Ship of 3500 Tons **187**, 2166.
Ferro-Concrete Vessels **189**, 2648.
5000-ton Concrete Ship **180**, 404.
Trials of the Faith **184**, 1347.
Construction: See: Naval Architecture, Shipbuilding.
Crews and Complement: Two-Crew Ship: Precommissioning to Deployment. W.A. Matson **752**, 68.
Data (Book Reviews) **326**, 363.
Denmark
Herluf Trolle, Trial, Description **98**, 381.
Moen, Sinking of. **100**, 753.
Skjold **78**, 518.
Demountable Ships **197**, 1258.
Dimensions of World's Largest Passengers Vessels (1913): **146**, 886.
Down to the Sea in Ships'--Names. W.F. Calkins **665**, 29.
Ecuador: Gunboats Purchased **98**, 382.

Ships (Cont.)
Employment Plan for U.S. Navy PHMs (ProfNote). R.P. Rempt **880**, 93. **884**, 94.
Fabricated Ships
British Fabricated Ships **185**, 1636.
Fabricated Ships **179**, 135.
Standardized Ships (1917): **177**, 2622.
Standard Ship Design **184**, 1349.
Faster Ships (1917): **178**, 2986.
Fitting Out and Shakedown
Assignment to New Construction. T.B. Buell **749**, 68. **753**, 113. **754**, 118. **757**, 119.
Work-up in the Royal Navy (Prof-Note). A.A.J. Harper **753**, 144.
France
Accident to Torpedo-Boat No. 228: **94**, 404.
Alger and Isly **72**, 849.
Algerien, Launch **98**, 386.
Aluminum Torpedo-boat **72**, 849.
Amiral Duperre, Explosion on Board **79**, 691.
Amiral de Gueydon **86**, 411.
L'Amiral Pochnau **83**, 592.
Arc, Description **98**, 386.
Armored Cruiser C14, Ordered **100**, 753.
Audacieux: Trial, speed, description **97**, 157.
Baleste: Description **98**, 386.
Bayard **70**, 455. Struck from List **100**, 760.
Belier: Description **98**, 386.
Bombarde: Description **98**, 386. Ordered **99**, 592.
Bourrasque: Launch, speed, description **100**, 755.
Bouvet **78**, 511. **86**, 411. **88**, 803.
Bouvines **76**, 926.
Building Program, 1898: **85**, 142. 1900: **93**, 184.
LeCarnot **71**, 638.
Cassard **84**, 761.
Catapulte: Description **98**, 386. Ordered **99**, 592.
Catinat **80**, 835.
Chanzy **70**, 455. Engines of: **87**, 559.
Charles Martel **79**, 690. **88**. 802.
Chateaurenault **87**, 556. **95**, 564. Trials **100**, 754.
Conde: Keep laid, complete description **97**, 156.
Dard: Description **98**, 386.
D'Assas, Cassard **78**, 512.
Davout: Trials **99**, 591.
D'Entrecasteaux **79**, 690. **83**, 592.
Desaix: Description **98**, 384.
D'Estrees **84**, 761.
Devastation: Reconstruction **97**, 158.
Dragonne: Gun Trials of. **80**, 835.
Duperre: Reconstruction **97**, 158. Jaureguiberry, Accidents on Board: **78**, 512.
Dunois **84**, 761.
Dupleix **85**, 143.
Dupetit-Thouars **83**, 592. Launch, description **99**, 590.
Epee: Trials **98**, 386.
Escopette: Launch, description **997**, 157.
Espadon: Launch, trials **100**, 757.
Eure: Struck from List **100**, 760.
Farfadet: Launch, dimensions... **98**, 387.
Forban **70**, 455.
Foudre: Speed trial **80**, 835.
Francais: Launch, partial description **97**, 157.
Francisque: Description **98**, 386.
Furieux: Reconstruction **97**, 159.
Galilee: **78**, 511.
Gallissonniere: Struck from List **100**, 760.
Gaulois **80**, 833.
Goubet submarine **92**, 924.
Goubet No. 2: Description, rejection by Government, illustration **100**, 758.
Guichen **84**, 701. Durandal: **91**, 694.
Gustave Zede: Description, illustration **100**, 760. Recent trials: **99**, 594.
Gymnote: Description, illustration **100**, 759.
Henri Quatre **92**, 908.
Hoche **39**, 644.
Iena: Trials, description **98**, 385. Final trials: **99**, 591.
Indomptable: Reconstruction completed **100**, 755.
Jaureguiberry **71**, 638.
Javeline: Description **98**, 386.
Jeanne d'Arc **91**, 688. **96**, 701. Unsatisfactory trials, illus. **100**, 754.
Jena **82**, 386.
Jules Davoust **70**, 473.
Lansquenet: Struck from list **100**, 760.
Lavoisier **82**, 387.
Leon Gambetta: Launch **100**, 754.
Libellule: Building **99**, 591.
Mangini: Trial of. **80**, 835.
Marceau: Reconstruction **97**, 159.
Massena **88**, 805.
Mistral: Launch, descriptions **98**, 386. **100**, 755. Trial **99**, 592.
Montcalm **84**, 762. Trials, illus. **100**, 754.
Morse: Attack on the Cocyte, failure **99**, 594. Trials, description **97**, 158.
Mousquet: Description **98**, 386.
Narval: Trials, description **97**, 158. Sea Trials **99**, 593, 594.
Nautile: Struck from list **100**, 760.
Neptune: Reconstruction **97**, 158.
New 23-knot Cruisers **76**, 927.
New Ships, 1893: Charles Martel, Bugeaud, D'Iberville, Lansquenet **68**, 500.
Pascal **80**, 835.
Patrie: Principal details--See: "New Battleships" **97**, 156.
Pertuisane: Launch, description **97**, 157.
Pique: Trials **98**, 386.
Pistolet: Description **98**, 386.
Program, 1901-05: **99**, 588.
Rapiere: Launch **99**, 592.
Republique: Principal details--See: "New Battleships" **97**, 156.
Requin: Commissioned **100**, 159. Reconstruction **97**, 754.
Sabre: Description **98**, 386.
Shipbuilding in 1894: **70**, 453.
Ships of New Program **98**, 383.
Silure: Launch **100**, 757.
Simoun: Launch, description **98**, 386. Trials, description **100**, 755.
Sirene: Launch, description **98**, 387. Trials **100**, 758.
Siroco: Launch, description **98**, 386. Trials **99**, 592.
Submarines **78**, 512. **91**, 699.
Submarine Boats **92**, 923.
Submarine Boats of 1901 Program, remarks **99**, 592.
Sully **91**, 695. Launch: **99**, 590.
Tage: Trials **99**, 591.
Torpedo-boats Nos. 26, 38, 42, 53, 91, 113, 118, 119, 124: Struck from list **100**, 760.
Torpedo-boat 208: Boiler Explosion **100**, 757.
Torpedo-boat 242: Launch **98**, 386.
Torpedo-boat 253: Launch, trial **100**, 757.
Torpedo-boat 254: Launch **100**, 757.
Torpedo-boat 258: Trial speed **100**, 757.
Torpedo-boat 259: Launch **100**, 757.
Torpedo-Boats Building **98**, 383.
Torpedo-boats Ordered **99**, 592.
Tramontane: Launch, description **99**, 592. Trials **100**, 757.
Triton: Launch **99**, 593. Accident: **100**, 758.
Trombe: Trial speed **100**, 757.
Turenne: Struck from List **100**, 760.
Typhon: Launch, description **99**, 592.
Valney: New Loading Apparatus **100**, 755.
Veron Submarine Boat **98**, 387.
Victor Hugo: Description, illustration **98**, 384.
Warship Building Notes, 1896: **77**, 236. **80**, 836.
Germany
Aegir: Boiler Accident **100**, 763.
Amazone **96**, 703.
Ariadne: Boiler accident **99**, 601. Trial **100**, 763.
Armored Cruiser C: **98**, 388. Contract Awarded **99**, 599.
Battleships H and I: Contracts Awarded **99**, 599. Description **100**, 761. Remarks **97**, 160.
Beowulf: Reconstruction **98**, 390. **99**, 601.
Brandenburg's Accident **70**, 458.
Brandenburg Class: Reconstruction **98**, 390.
Cruisers G, H and I: Contracts awarded **99**, 599.
Ersatz Konig Wilhelm **84**, 763.
Freya: Trials **98**, 388.
Gunnery Trials: Revenge **69**, 217.
Hagen: Illustration **98**, 390. Reconstruction, trial **97**, 162.
Heimdal: Reconstruction **99**, 601. **98**, 390.
Hertha **82**, 387.
Hildebrand: Reconstruction **98**, 390. **99**, 601.
Kaiser Barbarossa: Trials **100**, 762.
Kaiser Class: Description, remarks, accident to Kaiser Friedrich III, illustration **98**, 388, 389.
Kaiser Friedrich III: **79**, 693. **93**, 198. Description, accident, illus. **98**, 388, 389.
Kaiser Wilhelm II: **84**, 762.
Kaiser Wilhelm der Grosse **91**, 681.
Mecklenburg: Launch **100**, 762.
Medusa: Launch **97**, 161.
New Cruisers, 1895: **97**, 161.
Niobe: Trials **97**, 161.
Nymphe: Trials **97**, 161.
Panther: Launch, description, illus. **98**, 388.
Prinz Adalbert: Launch, description **99**, 600.
Prince Bismarck **84**, 762.
Prinz Henry **96**, 704.
Prinzess Wilhelm: Reconstruction **97**, 163.
Revenge: Gunnery trials **69**, 217.
Schwaben: (G), Keel laid, description **97**, 160. Launch: **100**, 762.
Ships Building **99**, 596. **97**, 159.
Ships Built, Building and Projected **99**, 599.
Station Cruiser "G": **82**, 387.
Tiger: Illustration, description (see: Panther): **98**, 388.
Torpedo-boats S90 to S113: dimensions **97**, 162.
Torpedo-boat S 102: Launch **99**, 601.
Torpedo-boat S 107: Launch, description **100**, 763.
Torpedo-boats G 108 to G 113: Building **99**, 601.
Torpedo-boats G 108: Launch **100**, 763.
Vessels Building, 1896: **78**, 516.
Victoria Luise **82**, 387.
Wacht: Sunk in collision **100**, 763.
Warship Building Notes, 1896: **77**, 283.
Wettin: Launch **99**, 600.
Worth: **72**, 851.
Zahringen: Launch **99**, 600.

Ships (Cont.)
Gigantic Ocean Liners (1919): **199**, 1629.
Great Britain
Aboukir **96**, 700. Trials **99**, 605.
Additions to Navy in 1897: **86**, 362.
Albemarle: Launch, description, illus. **97**, 167.
Albion **87**, 549.
Amphitrite **87**, 548. **90**, 454.
Angler **86**, 354. **86**, 401.
Antelope **69**, 217.
Ardent **72**, 846.
Argonaut **85**, 138. **88**, 799.
Ariadne: Launch **86**, 398. **89**, 243.
Armored Cruisers, 1898: **86**, 407.
Arrogant **78**, 509. **84**, 757.
Assistance (repair ship): Purchased **97**, 166. Completed, description: **100**, 765.
Auxiliary Cruisers **78**, 510.
Bacchante: Launch, description **97**, 168.
Banshee and Contest, T.B.D. **74**, 421.
Barfleur **68**, 496.
Bat **83**, 592. **94**, 404.
Battleships, New: Ammunition Supply **100**, 763.
Battleships, Canopus Type **79**, 686.
Battleships: Steam Trials of. **68**, 499.
Battleships: Speeds **91**, 656.
Bedford: Launch **100**, 764.
Belleisle: Prepared for New Trials **100**, 830.
Blake **91**, 676.
Boilers for Shipbuilding **99**, 602.
Bramble **88**, 802.
Bruizer Torpedo-boat destroyer **74**, 419.
Building Programme, 1899: **89**, 245.
Bullfinch **85**, 141. Accident: **91**, 656.
Bulwark: Launch **92**, 946. Trials: **99**, 604.
Caesar **79**, 687. 800-mile Trial **97**, 169.
Canopus **84**, 756.
Centurion **68**, 496. **70**, 453.
Challenger: Keel laid, description **97**, 166. Not to be sheathed **98**, 392.
Chamois: Trial **84**, 757.
Charybdis **71**, 632.
Cobra: Foundering of. **100**, 767.
Commonwealth: Partial description **99**, 602.
Condor and Rosario **84**, 760.
Cornwallis: Launch **99**, 602.
Contest **74**, 421.
Crane **84**, 758.
Cressy: Trials **97**, 169.
Daring: Accident **99**, 605.
Desperate **77**, 235. **78**, 508.
Diadem **80**, 832. Trials: **86**, 389.
Diana **80**, 830.
Dido: 800-mile trial **97**, 169.
Dominion: Description **99**, 602.
Doris **77**, 236.
Drake: Launch **97**, 168.
Duncan: Launch **98**, 392.
Eclipse **79**, 684.
Electra **79**, 689.
Ellide: Speed of. **84**, 753.
Elswick Cruisers. P. Watts **91**, 669.
Encounter: Keel laid, description **97**, 166. Not to be sheated: **98**, 392.
Espiegle: Launch, description **97**, 169. Trials **100**, 764.
Essex **96**, 696. Launch: **100**, 764.
Europa **86**, 395. Launch: **82**, 385. Trials: **87**, 553.
Euryalus: Accident in Dock **100**, 765. Launch **98**, 392.
Exmouth: Launch **100**, 764.
Express: Unsatisfactory trials **99**, 605.
Fantome: Launch, description **98**, 392.
Ferret **71**, 633.
Flying Fish **85**, 141. Launch: **81**, 179. Trials: **86**, 397.
Formidable **88**, 800. Trials: **99**, 604.
Forte: Launch **68**, 499.
Furious **86**, 396.
Gipsy **85**, 141.
Glory **90**, 457.
Goliath: Launch **86**, 399.
Good Hope: Launch **97**, 168.
Greyhound: Launch, description **97**, 170. Trials: **100**, 767.
Hannibal **78**, 509.
Hardy **79**, 689.
Harrier **70**, 451.
Haughty **78**, 506.
Havock **68**, 497. **70**, 447.
Hazard **70**, 451. **72**, 847. Tender for submarines **100**, 768.
Hermes: Launch **86**, 391.
Hermione **71**, 631.
Highflier **86**, 354.
Hogue **86**, 397. **95**, 558.
Hornet **70**, 448, 461.
Hunter **78**, 509.
Hussar **71**, 632.
Hyacinth: Trials **100**, 788.
Illustrious **84**, 758. **86**, 403. 800-mile trial **97**, 169.
Implacable: Trials, description **98**, 393. Sinking of Barbettes **100**, 764.
Industry: Launch, description **99**, 604.
Isis **79**, 684. Trial **81**, 177. 800-mile trial **97**, 169.
Jupiter **76**, 921. Trial **81**, 178.
Juno and Doris **80**, 832.
Kangaroo, Trials **98**, 395.
Kent: Launch **97**, 169.
Khaki: Purchased **97**, 166.
King Alfred: Launch **100**, 764.
King Edward VII: Description **99**, 602.
Lee: Trial, dimensions... **97**, 171.
Leviathan: Launch, description **99**, 602.
Lively: Trials **98**, 395.
Locust **85**, 141.
London: Launch **92**, 945.
Magnificent and Majestic **71**, 630.
Mallard **83**, 592. **84**, 758.
Mars **78**, 504.
Merlin: Laid down, description **97**, 166.
Mermaid **90**, 456.
Minerva **80**, 830. Trials **100**, 788.
Monarch **70**, 452.
Monmouth: Launch **100**, 764.
Moorhen: Launch, trials **100**, 765.
Montagu: Launch, description, illus. **97**, 167.
Mutine: Trials **97**, 170.
Myrmidon: Trials **97**, 171. **98**, 395.
New British Cruisers (1896): **80**, 833.
Niobe: Launch **81**, 177. Trials **87**, 555.
Nubian: Purchased **97**, 166.
Ocean: Launch **87**, 547. Trials **91**, 667. 800-mile trial **97**, 169.
Odin: Laid down, description **97**, 166.
Pandora: Trials **98**, 394. **99**, 605.
Panther **83**, 591.
Pegasus: Launch **81**, 179.
Pelorus **77**, 235. **80**, 832. **84**, 757.
Pomone **84**, 759. **89**, 242.
Porpoise **84**, 759.
Powerful **79**, 689. **80**, 831. **84**, 758. **86**, 402. Terrible **69**, 215. Addition to battery **100**, 765.
Prince George **80**, 828.
Prince of Wales: Keel laid, description **98**, 392.
Program for 1901-02: **97**, 163. **98**, 391.
Prometheus: Trials of screws **100**, 765.
Proserpine **80**, 833.
Pyramus **82**, 385.
Queen: Keel laid, description **98**, 392.
Racehorse: Attempted trial **99**, 605. Launch, description **97**, 170.
Ramillies: 800-mile trial **97**, 169.
Ranger **78**, 505.
Recent British Warships (1900): **93**, 186.
Renown **78**, 506. 800-mile trial **97**, 169.
Revenge **68**, 495.
Rocket and Shark **74**, 422.
Roebuck: Launch, description **97**, 170. Trial **100**, 767.
Royal Oak **68**, 498. 800-mile trial **97**, 169.
Royal Sovereign: 800-mile trial **97**, 169.
Russell: Launch, description, illus. **97**, 167.
St. George **69**, 215.
Salamander **87**, 553.
Seal **85**, 141. Badly injured at sea **98**, 395.
Sea Gull **91**, 698.
Sharpshooter **78**, 510.
Shearwater: Full-speed trial **97**, 170.
Sheikh **84**, 759.
Shipbuilding **99**, 165.
Shipbuilding Notes, 1897: **83**, 589.
Ships of New Program **99**, 602.
Ships in Reserve, classification **99**, 606.
Sirius **84**, 759.
Spartiate: Ready for trials **100**, 764.
Speed trials of warships **86**, 410.
Speedy **70**, 453.
Sprightly: Trial **99**, 605.
Star **79**, 688.
Submarine Boats, description **97**, 396. Launches, trials **100**, 768.
Sutlej: Trials **99**, 605.
Swordfish **79**, 688.
Sybille **69**, 216. Wrecked **97**, 171.
Syren: Launch, description **97**, 170. Trial **100**, 767.
Talbot **70**, 452.
Teal: Launch, trial, description **99**, 603. River gunboat **99**, 581.
Theseus **68**, 497.
Terrible **79**, 685. Addition to battery **100**, 765. Launch of **75**, 659. Trial **86**, 398.
Torpedo-boat No. 19: **70**, 452.
Torpedo-boat 81: Sunk **99**, 606.
Torpedo-boat No. 97: **71**, 633.
Torpedo-boats 98 and 99: Launch description **97**, 170.
Torpedo-boat 99: Trial **99**, 605.
Torpedo-boat 107: Launch **99**, 605.
Torpedo-boat 107: Trials **100**, 768.
Torpedo-boat 108: Unsatisfactory trials **100**, 768.
Torpedo-boats ordered **97**, 170.
Torpedo-boat destroyers, 1896: **77**, 234. Sea-keeping qualities **98**, 394. New Type **100**, 766.
Trial Trips of Destroyers **80**, 833.
New Torpedo-boat Destroyer, 1899: **91**, 695.
Trials of Mediterranean Squadron **97**, 169.
Turbinia: Trials **82**, 386.
Vengeance **91**, 684. Trials **99**, 604.
Venus **76**, 922. 800-mile trial **97**, 169.
Vessels Building, 1899: **91**, 645.
Victoria, The Loss of the **68**, 511.
Victoria and Albert **91**, 697.
Victorious **79**, 687. 800-mile trial **97**, 169.
Vindictive **84**, 760.
Violet **85**, 141. Trial **86**, 397.
Viper **95**, 558, 563. Trial **92**, 917. Fitted with Turbine Machine **93**, 201. Lost **99**, 605.
Warships Under Construction in 1897: **83**, 590.
Warships Building **86**, 411.
Warship Building Notes, 1896: **77**, 232.
Wolf **85**, 140. **86**, 402. Strained in

Ships (Cont.)
Great Britain (Cont.)
Wolf (Cont.)
Seaway **98**, 394.
Woodlark **86**, 401.
Greece: Program (New) **98**, 397.
Hinged Ships: See: Shipbuilding (Jap.).
Interned **201**, 1922. **205**, 460. **231**, 812.
See also: Names of ships.
Cuba Transfers Its Interned German Ships to U.S. **176**, 2296.
Damage to German Ships **178**, 2967.
German Engineers Convicted for Damaging Interned Merchantmen **171**, 1063.
German Ship's in Chile Damaged by Crews **188**, 2360.
List of German and Austrian Merchant Ships in U.S., April 1917: **171**, 1081.
List of German Vessels Interned and Later Seized in U.S. (1919): **196**, 1044.
Most Effective Method of Interning Ships **158**, 1336.
109 Damaged Interned Ships Restored to Service **180**, 382.
Repairing Interned Merchantmen (1917): **172**, 1291.
Repairs to Vessels Interned in Brazil **182**, 860.
Ships Interned in China Turned Over to Allies **182**, 832.
U.S. Orders Removal of All Crews of Interned Ships **169**, 621.
Italy
Agordat: Trial, description **98**, 398.
Ammiraglio di St. Bon: Trials **100**, 770. Trials, description **98**, 397. Forced Draft Trial **99**, 609.
Aretusa **68**, 500.
Auxiliary Cruisers **82**, 388.
Benedetto Brin, Launch **100**, 770.
Building Programme, 1898: **85**, 143.
Carlo Alberto **78**, 513.
Construction, 1895: **76**, 930.
Delfino: Description and experiments **98**, 399.
Duilio **85**, 143.
Emmanuele Filiberto **84**, 763. Trials, description **98**, 397.
Garibaldi **84**, 764.
Giuseppe Garibaldi: Trials, description, illustration **97**, 172.
Lepanto: Steam trials of. N. Soliani **51**, 561.
Marco Polo **79**, 692.
Nembo: Launch, description **99**, 610.
Ostro: Launch, description **98**, 399.
Re Umberto **68**, 501.
Regina Elena: Description, plans **97**, 172.
Regina Margherita: Launch, description **99**, 608.
St. Bon **82**, 388.
Submarine Boats, Rumor of Order for Twenty **99**, 610.
Varese **83**, 593. Trials, description, illustration **97**, 172.
Vessels Building **79**, 691.
Vittorio Emmanuele: Description, plans **97**, 172.
Japan
Adsuma **95**, 559.
Akebono **90**, 464.
Akashi **85**, 143.
Akatsuki: Launch, dimensions **100**, 771.
Asagiri: Principal details **100**, 771.
Asahi **94**, 386.
Asama **86**, 412. **89**, 248.
Awataki: Ordered, principal details **100**, 772.
Boats, Vidette Boats, Trials **97**, 174.
Building Programme, 1898: **85**, 144.
Cruiser Building at San Francisco, 1897: **83**, 593.
Cruisers Built in the U.S. **86**, 413.
Fiji **78**, 519. Torpedo Tube for Japanese Ship **83**, 576. Trials **82**, 388.
Fiji Yama **75**, 660.
Harusame: Principal details **100**, 771.
Hato: Ordered, principal details **100**, 772.
Hatsuse **91**, 652. Trials **97**, 174.
Hayatori: Principal details **100**, 771.
Hibari: Ordered, principal details **100**, 72.
Iwate **94**, 391.
Kari: Ordered, principal details **100**, 772.
Kasagi **90**, 461.
Kasagi and Chitose **85**, 144.
Katsuragi: Hauled Off Reed **97**, 174.
Kiji: Ordered, principal details **100**, 772.
The Latest Japanese Battleship **82**, 389.
Mikasa **96**, 704. Trial **100**, 771.
Murasame: Principal details **100**, 771.
New Cruiser, 1897: **84**, 764.
Niitaka: Description **100**, 770.
Notes, 1897: **81**, 186.
Shikishima: Trials **92**, 944.
Ship Building Notes **83**, 594.
Ships Building **98**, 400.
Ships of the Line, 1897: **84**, 765.
Shirakumo: Launch, description **100**, 771.
Shiranui **90**, 465.
Takasago **83**, 593.
Tokiwa **90**, 464.
Torpedo-boats **94**, 390.
Torpedo-boats 57, 58, 59: Remarks **100**, 772.
Torpedo-boats 60, and 61: Launched **100**, 772.
Torpedo-boats 62, 63, 64, 65, 66: Remarks **100**, 772.
Torpedo-boats (New) of 88 Tons **100**, 772.
Torpedo-boat Destroyer **94**, 389. Ordered of Thorneycroft **97**, 174.
Tsubame: Ordered, principal details **100**, 772.
Tsushima: Description **100**, 770.
Vessels Building, 1896: **78**, 520.
Warship Building Notes **79**, 698.
Yacyama: New Boilers **97**, 174.
Yashima **77**, 240. **83**, 594.
Yoshino **70**, 456.
Largest Sailing Vessel Afloat (1904): **111**, 676.
Largest Ship in the World (1896): **79**, 672.
Leviathans of Antiquity. T.L. Schumacher **265**, 446.
Liberia: Rocktown **77**, 243.
Libraries: See: Libraries.
Maintenance and Repairs
Blueprint for Material Readiness Index. R.E. Apple **735**, 78.
New Paint Job Keeps Reserve Fleet in Shape (ProfNote). Fred De Wys **721**, 139.
Overhaul. E.M. Avallone **723**, 74. **728**, 123.
Overhauling the Overhaul. H.G. Bradshaw **780**, 55. **785**, 103.
They're Not Old--They're Neglected (ProfNote). L.E. Voorhees **697**, 135. **701**, 94, 96, 97.
A Memory of Ships. H. Haislip **895**, 48.
Merchant Marine: See: Merchant Marine.
Merchant ships
German. Deutschland **94**, 379.
St. Paul **79**, 673.
Mexico: Gunboats Building, description **100**, 772.
Mooring Gear: Ship Has Bridge-Controlled Windlass (Nbk) **772**, 153.
More Ships Asked for Vietnam War (Nbk) **774**, 146.
Mothball Fleet is Obsolete (C&D) **852**, 87. **856**, 91. **857**, 91.
Motor Ships: See: Motor ships.
Naming Ships
Ensigns, Bays and Aircraft Carriers (C&D) **851**, 80.
What's In a Name? T.B. Grassey **840**, 40. **844**, 88. **847**, 99.
What's in a Name? (ProfNote). T.G. Martin **857**, 117.
Navy Ship to Race in Valuation Test (Nbk) **727**, 136.
Navy Will Order a Vehicle Vessel (Nbk) **725**, 146.
Netherlands
Assahan: Trial, description **97**, 175.
Evertson, Kortenaer, and Piet Hein **77**, 242.
Hydra **96**, 696.
New Fleet, 1893-94: **67**, 329.
Ophir: Launch, trials, descriptions **98**, 400.
Pangrango: Launch, trials, description **98**, 400.
Program (New) **97**, 175.
Rindjani: Description **98**, 400. Trial, dimensions **99**, 610.
Torpedo-boats **95**, 561.
Torpedo-boats for East Indies Ordered **100**, 773.
Trials of Dutch Cruisers **86**, 385.
Warship Building Notes **80**, 840.
New Ships and Conversions--1945-1955. E.H. Clark, Jr. **637**, 303.
New Ships of Japan's Maritime Self-Defense Force (ProfNote). Motoyoshi Hori **771**, 148.
Nicaragua: Arminius: Purchased, description **100**. 773.
Norway
Delfin, Hai, Hval **81**, 184.
Eidsvold **95**, 562.
Harald Haarfagre **81**, 183.
Program **97**, 175.
Submarine Boats **98**, 401.
Tordenskjold **82**, 390.
Valkyrien **81**, 184.
Our Need of Fighting. J.B. Murdock **98**, 247.
Polar Icebreakers: in a Class by Themselves (ProfNote). N.C. Venzke **875**, 91. **885**, 79.
Portraits by Roux and Sons. L.J. Gulliver **324**, 121.
Portugal
Adamastor **85**, 145.
Almirante Baptista de Andrade and Thomaz Ando **85**, 145.
Don Carolos I: **85**, 145.
New Cruiser, 1897: **81**, 183.
Rainha Amelia **83**, 595.
Rainha Donna Amelia: Trials, description **99**, 611.
Tejo: Launch, description **100**, 773.
Prison Ships: Old Jersey Prison Ship (OldNav). C.H. Jenrich **720**, 168.
Random notes on a lake freighter. C.F. Goodrich (illus) **136**, 943.
Rotor Ships: See: Rotor ships.
Rudders: "Winged" Rudder for Quick Stopping (Nbk) **742**, 151.
Russia
Admiral Boutakov: Remarks **97**, 179.
Akoula: Launch, Names of boats of class **100**, 774.
Alexander II: Refit completed **100**, 775.
Almaz: Remarks **99**, 612.
Armored Ships Ordered **100**, 774.
Askold **95**, 565.
Baklan: Description **97**, 183. Launch **100**, 775.
Battleship (New) **97**, 179.
Bekass: Description **97**, 183.
Berkut: Trials **100**, 775.
Bogatyr: Launch, description, plans **97**, 182.
Borodino: Launch **100**, 774.
Borodino Class: Description, plans **97**, 178.
Boyarin: Launch, description **99**,

Ships (Cont.)
Russia (Cont.)
Boyarin (Cont.) 612.
Bytchek: Launch, names of boats of class 100, 774.
Chtchegol: Description 97, 183.
Collier and School for Firemen 99, 613.
Cruisers (New), and Despatch Vessel 97, 180.
Cruisers Ordered 99, 612.
Cronstadt Harbor: Improvements 99, 612.
Filin: Description, trial 100, 775.
Forelle: Description 97, 183. Trials 99, 613.
Gagara: Description, trial 100, 775.
General-Admiral Apraxin 78, 514. 88, 805.
Georgie Pobedononsetz 78, 515.
Gilyak 84, 768.
Gorlitsa: Description 97, 183.
Grach: Description 97, 183.
Gromoboi 90, 465. Trials 97, 183.
Imperator Alexander III: Launch 99, 612.
Kagul: Christening ceremony 100, 774. Remarks 99, 612.
Kefal: Description 97, 183.
Kherson 78, 516.
Kniaz Potemkin Tavrichesky: Launch, description 97, 180.
Kulik: Description 97, 183.
Lieutenant Bouvokoff: Named 100, 774.
Lossos: Description 97, 183.
Minin: Refit 100, 775.
Nicolai 1: Trials, unsatisfactory 97, 183.
Notes on Ship Building, 1897: 82, 390.
Novik: Trial (preliminary) 100, 774.
Nyrok: Trial 100, 775.
Osetr: Description 97, 183.
Otshakov: Christening ceremony 100, 612. Remarks 99, 612.
Pamyat Azova: Refit 100, 775.
Perepel: Description 97, 183.
Peresviet 86, 414. Trials 97, 183.
Petropavlovsk 88, 806.
Pobieda: Trial 100, 774.
Retvisan: Launch, description 97, 181. Trials 100, 774.
Roosija: Trial 83, 595.
Rotislav 80, 836.
Russia 78, 514.
Sevastopol, Petropaulosvk, and Ssissoi Veliki 70, 456.
Ships Building 97, 177.
Skvorets: Description 97, 183.
Slava: Ordered 99, 612.
Sova: Description, trial 100, 775.
Soviet Surface Combatants (Pict). R.D. Wells 797, 87. 801, 120, 121, 122.
Ssissoi Veliki 80, 838.
Sterliad: Description 97, 183. Trials 99, 613.
Strij: Description 97, 183.
Submarine Boat 80, 838. 90, 613.
Svetlana 84, 768.
Torpedo-boats (New): Description 99, 613.
Torpedo-boats with Liquid Fuel 80, 838.
Tsarevitch: Launch, description, plans 97, 180.
Twelve Apostles 68, 502.
Variag 95, 562.
Vitiaz: Destruction 99, 612.
Voron: Description, trial 100, 775.
Warship Building Notes 77, 238.
Warship Notes 79, 693.
Warships Building in 1898: 85, 147.
Yastreb: Trial 100, 775.
Sailing 217, 445. 335, 109.
Salvage: See: Salvage.
San Domin o: Restauracion 78, 524.
Ship Acquisition
Another Kind of Strategy. M. Eckhart, Jr. 799, 26.
The Lost Generation. T.L. Johnson 837, 26. 841, 94.
Ship Administration. C.B. Mayo 335, 57.
"Ship" and "boat": Use 348, 317.
Ship and the Shore. W.J. Stanley 635, 1.
Shipboard Habitability
Byington, M.R., Jr. 815, 24.
Restricted Areas (C&D) 827, 92. 834, 95.
Shipborne Radar. Donald Macintyre 775, 70. C&D: 779, 101. 781, 113. 791, 101.
Shipbreaking in Great Britain. E.C. Hamner 238, 2081.
Ship-control, Art of. W.C.I. Stiles 242, 587.
Ship Designations
Navy Changes (Nbk) 865, 106. 866, 84.
Russia: New Designations for Soviet Ships (Nbk) 880, 104.
Ship Handling
See also: Seamanship.
Art of Ship-Control. W.C.I. Stiles 242, 587.
Back-Down Approach 690, 115.
Handling: Tenders to Monarchs. J.D. Thompson 335, 46.
Handling Vessels in Restricted Waters. F.E. Nelson 304, 446.
"It Was a Nice Skill" Handling the Square-rigged Ship. A. Villiers 762, 80.
Left-Handed Shiphandling. D.F. Miley 721, 36.
Mooring in One Thousand Fathoms. J.F. McNulty 728, 67.
New Maneuvering Order (ProfNote). O.N. Rask 840, 112.
Not Too Near--Not Too Far (ProfNote). K.W. Curl 765, 157. 769, 110, 111. 772, 107.
Shiphandling for naval aviators: From Cockpit to Conn. R.F. Hunt 818, 48.
Shiphandling in Modern Underway Replenishment (ProfNote). B.A. Lienhard 801, 140.
Shiphandling Training Facility: Shiphandling Training Gets a New Model (ProfNote). F.V. Rigler 862, 110. 882, 78.
Shiphandling with Tugboats in New York Harbor (Pict). J.S. Martin 759, 98.
Surface Line Officer: Some Conn, Some Can't. D.R. Larson 833, 42. 839, 87, 89, 90.
Training: Every Man's Task Force. J.C. Shaw 767, 62.
When Am I Committed to Collision? J.M. Myers 838, 41. 844, 96. 846, 88, 89.
Ship Identification: Unidentified Floating Objects. F.O. Braynard 808, 52.
Ship Launchings and Commissionings (Nbk) 797, 154.
Shiplights: System of Lighting Ships and Lighthouses. J.H. Claiborne and J.S. Jones 127, 1005.
Ship Losses
Day the Astral Vanished. A. Gordon 752, 76.
Major Fleet Units Lost During World War II: 702, 109.
Overdue--Presumed Lost. E.F. Oliver 697, 98. 704, 113, 114, 115.
Seventy-four Ships Lost in Fourth Quarter 1964 (Nbk) 751, 153.
Shipmate. W.T. Cluverius 394, 1797.
Shipmates (C&D) 828, 97.
Ship Models
See also: Models.
Maritime Collection of Seamen's Bank For Savings (Pict) 690, 95.
Ship Modernization
DLG Modernization Program (ProfNote). W.A. Cockell, Jr. 827, 101.
Designing for Change: Present and Future. J.V. Jolliff and G.D. Kerr 857, 30. 861, 93, 94.
Modernization of the Midway. J.E. Kaune 816, 27. 821, 93. 830, 102.
Ship Notes (Nbk) 785, 146.
United States (Nbk) 744, 156. 746, 145. 752, 144. 753, 154. 755, 160. 758, 178. 762, 166. 767, 137.
United States; Australia; Canada; Great Britain (Nbk) 749, 152.
United States; Australia; Ceylon; Malaysia; Portugal (Nbk) 743, 138.
U.S. Navy Ships (Nbk) 778, 148. 790, 152.
Ship Overhauls: Civilians, Not Officers, Should Supervise Ship Overhauls (C&D) 869, 83.
Ship Personnel and Gas Warfare. E.M. Ellis 339, 657.
Ship Procurement, New Approach to (ProfNote). N. Sonenshein 791, 135. 796, 110. 801, 122.
Ship Propulsion: Gas Turbine Propulsion in Warships (ProfNote). D.I. Thomas 820, 101.
Ship Repair Units: You Can't Beat 'em If You Can't Sink 'em. R.E. Williams 517, 349.
Ship Routing and Traffic Separation: Vessel Traffic Systems: A View from the Bridge. F.C. Seitz 866, 24. 870, 83.
Ships and aircraft of the Japanese Maritime Self Defense Force (tab) 819, 104.
Ships and Satellites. B.I. Edelson 724, 49.
Ships at Sea--Maritime Facts of Life. W.R. Nichols, Jr. 818, 34. 827, 87.
Ship's Bell 640, 657.
Ships of '73. R.K. James 719, 95.
Ships of the Sixties (ProfNote). E.L. Castillo 693, 131.
Ships of the U.S.-Flag Intermodal Fleet (NavRev). B.M. Kopec 867, 212.
Ships of the U.S. Navy, A compilation (NavRev). Stefan Terzibaschitsch 807, 459.
Ships' Names: See: Names of Ships.
Ship's Service: Emporiums Afloat. F.J. Nelson 462, 1098.
Ship's Spirit; A Story. G.P. Dyer 204, 253.
Ships' Stores: See: Naval Supplies and Stores.
Ships That Are No More. W.S. Wharton 277, 464.
Ships That Pass. C.C. Gill 311, 44.
Ships That Pass in the Night. E.F. Oliver 681, 70.
Ships vs. Forts-Dardanelles. D.D. Mercer 356, 1453.
Ship Worm (teredo navalis) 230, 662.
Subversives of Sea. E.J. Long 576, 171.
Shipwrecks: See: Accidents--Vessels; Seamanship.
Shipyards
See also: Shipbuilding; names, countries, subhead Navy Yards, Staions and Bases.
Case for the Modernized Shipyard. R.V. Laney and S.B. Winram 799, 50.
Japanese Shipyards (Nbk) 727, 143.
Navy Plans Shipyard Modernization (Nbk) 790, 154.

Ships (Cont.)
Shipyards (Cont.)
New York Naval Shipyard (Pict) **581**, 755.
Shipyards--Biggest Weakness in Our War Potential? A. Halsey, Jr. **581**, 737. **590**, 438.
Should the Navy Design Its Own Ships? (NavRev). R. Leopold **867**, 150. **873**, 76.
Size of Fighting Ships. A. Walker **95**, 515.
Small Combatants
1972. I. Communist, Neutral and NATO North (NavRev). A.D. Baker, III: **831**, 240. **837**, 86.
1973. II. The Oceanic Powers (NavRev). A.D. Baker, III: **843**, 238. **849**, 98. C&D: **851**, 75.
Soviet Major Combatants (Pict). A.D. Baker, III: **856**, 71.
Spain
Almirante Oquendo **78**, 518.
Armored Cruisers **86**, 417.
Cristobal Colon **82**, 392. **85**, 148.
Emperador Carlos V: **74**, 423.
Filipinas **77**, 241.
Furor and Terror **80**, 839. Trials **81**, 181.
Infanta Maria Theresa **68**, 502.
Maxim Guns for Navy **82**, 392.
Notes on Expansion (1897): **84**, 768.
Osada **82**, 391.
Pelayo **83**, 596. **86**, 415.
Pluton **84**, 769.
Program (New) **97**, 184.
Rio de la Plata **82**, 391.
Villalobos **78**, 518.
Warship Building Notes **79**, 694.
Statistics, Transatlantic... **204**, 302. **206**, 630. **214**, 2024. **235**, 1591-1593.
Steamships: See: Steamships.
A Study on Fighting Ships. J. Leroux, Tr. **47**, 699.
Support Ships: Civilian-Manned Support Ships: A View from the Fleet. S.W. Emery, Jr. **890**, 34.
Surface ASW Ships, Can We Really Afford? (ProfNote). R.J. Alexander **858**, 107. **861**, 103. **862**, 73, 74, 75.
Surface Effect Ships in the Surface Navy. R.C. Truax **850**, 50. C&D: **856**, 93.
Sweden
Jarnan, Edjern **81**, 184.
Oden **81**, 184.
Submarine Boat **82**, 392. **99**, 614.
Torpedo-boat Destroyers Ordered **100**, 776.
Telegraphs **265**, 518.
These Dirty Ships of Ours (C&D) **857**, 102. **862**, 85.
A Time for Victories. J.A. Culver **888**, 50. **895**, 87.
Tomorrow's Warships, Their Cost and Their Value. B.B. Schofield **815**, 43. **827**, 91. **829**, 108.
Turkey
Assar-i-Tewfik, to be Repaired in Germany **97**, 184.
Avni-Illah, Reconstruction **100**, 777.
Aziaieh, Reconstruction **100**, 777.
Battleships (Old), Repairs **97**, 184.
Cruiser at Cramps, Ordered, Contract Signed **97**, 184.
Cruiser Ordered from Armstrong, description **99**, 614.
Feth-i-Bulend, Reconstruction **100**, 777.
Mahmudieh, Reconstruction **100**, 777.
Mesudieh, Reconstruction **100**, 776.
Muin-i-Zaffer, Reconstruction **100**, 777.
Mukadem-i-Hair, Reconstruction **100**, 777.
Orkanieh, Reconstruction **100**, 777.
Osmanieh, Reconstruction **100**, 777.
Types of Ships and Why. L. McNamee **332**, 907.
United States
Adder, Launch, description **99**, 622.
Albany **89**, 249. **93**, 196.
Alabama **86**, 419. **92**, 943. **96**, 709.
Alabama and Class **80**, 808.
Alabama: Final trial **97**, 189.
Alabama, Illinois, Wisconsin (Battleships 7, 8, and 9.) **78**, 501.
Annapolis: Trial **82**, 382.
Armored Cruisers: New, General Features **100**, 779. New Designs **99**, 617.
Arkansas: Launch **97**, 189.
Atlanta **93**, 199.
Auxiliary Cruisers: Armament of. **80**, 827.
Bagley: Trial, description **98**, 404. Launch, description **97**, 289. Trial: **99**, 620.
Bailey **93**, 219. Trials, description **98**, 404.
Bainbridge: Launch, description **100**, 781.
Barney **96**, 722. Trial **99**, 620. Trial, description **98**, 404.
Battleships--Armaments, 1899: **91**, 656.
Battleships--Bids for, 1896: **79**, 675.
Battleships--New Designs **99**, 614.
Battleships--New, General Features **100**, 779.
Biddle: Trial **99**, 620.
Blakely: Launch, description **97**, 189.
Brooklyn **78**, 498. Speed trial **79**, 673.
California and Maryland **96**, 714.
Chauncey: Launch, description **100**, 781.
Chesapeake **92**, 946.
Chicago: Boilers and Bulkhead Doors **86**, 356. The Reconstructed Cruiser Chicago **91**, 636. Steam Trial of USS Chicago **44**, 272.
Cincinnati, as a Training Ship for Firemen **100**, 780. Launch **68**, 495.
Cleveland: Launch **100**, 781.
Colorado: Keel laid **98**, 403.
Columbia **68**, 493.
Comparison of Denver and New Orleans **91**, 648.
Constitution **71**, 623.
Craven and Dahlgren **91**, 699.
Dahlgren **91**, 699.
Dale **96**, 721.
DeLong: Launch, description **97**, 189.
Denver **95**, 557. Designs of Denver Class of Cruisers. P. Hichborn **92**, 892.
Denver Class of Cruisers **94**, 376.
Farragut **91**, 696.
Gunboats 7, 8, 9. (Nashville, Helena, Wilmington.) **68**, 495.
Harbor Defense Vessels **93**, 193.
Helena **77**, 228. Trial of **81**, 176.
Helena and Wilmington. (Gunboats 8 and 9.) **67**, 312.
Holland **78**, 502.
Holland Submarine **91**, 698, 699. **92**, 925.
Holland Submarine Boat Launch **82**, 381. **86**, 423.
Holland, Surface Run of 145 Miles **97**, 191.
Illinois: Launch **87**, 561. Preliminary Trial **97**, 189. Trial speed **98**, 406. Full Data of Trial **100**, 781.
Indiana **70**, 469. **76**, 919.
Iowa **77**, 229. Trial **82**, 380.
Kearsarge **91**, 644.
Kearsarge and Kentucky **86**, 419.
Kentucky **92**, 943.
Kentucky and Alabama **85**, 150.
Lawrence: Launch, description **97**, 189.
MacDonough: Launch, description **97**, 189.
Maine **72**, 843. Description, illustration **98**, 403. Launch **99**, 620.
Marblehead **68**, 494.
Marques del Duero: Refloated **99**, 622.
Massachusetts **78**, 497.
Milwaukee: Contract awarded **98**, 403.
Minneapolis **71**, 629.
Moccasin: Launch, description **99**, 622.
Montgomery **69**, 214.
Nashville: Gunboat No. 7: **67**, 309. Trial **82**, 383.
Nevada: Launch **97**, 189.
Newark: Reconstruction **99**, 621.
New Battleships 1898: **86**, 421. **87**, 539. 1901: **96**, 709.
New Monitors **86**, 422.
New Orleans **86**, 420.
Nicholson: Launch, description **100**, 781.
Ohio: Launch, description, illustration (of Maine). **98**, 403.
Olympia **68**, 494.
Oregon: Launch **68**, 494. **78**, 499.
Our Destroyers **92**, 918.
Pennsylvania **95**, 544. Keel laid **99**, 619.
Perry: Launch, description **97**, 190. Unsatisfactory trial, remarks **98**, 405.
Petrel: Repairs **99**, 621.
Philadelphia: Repairs, new battery **99**, 621.
Plunger (Holland submarine boat) **83**, 596.
Porpoise: Launch **100**, 782.
Porter: Trial **82**, 384.
Preble: Launch, description **97**, 190.
Progress; Vessels Building, 1897: **84**, 770.
Rainbow: Fitted as Station Ship **99**, 622.
Raleigh, as a Training Ship for Firemen **100**, 780.
Reina Mercedes: Reconstruction **99**, 621.
St. Louis **96**, 718.
Shark: Launch **100**, 782.
Ships (New) Contracted for (Contract Prices, etc.) **97**, 188.
Ships Building--Condition of, Feb. 1 **97**, 188.
Ships Building--Per Cent Completed, Where Building **98**, 401.
Ships Building--Condition of **100**, 778.
Shubrick: Trials, description **98**, 405.
Supply: Fitted as a Station Ship **99**, 622.
Stockton: Trial **97**, 100.
Stringham **91**, 696.
Terror **80**, 827.
Texas, Improved Turrets of. R.W. Henderson **90**, 446.
Thornton: Trials, description **98**, 405.
Tingey: Launch, description **98**, 406.
Torpedo-boats **77**, 230.
Torpedo-boat No. 3: **80**, 825.
Torpedo-boat No. 5: **81**, 175.
Torpedo-boat No. 6: **79**, 679. **81**, 175.
Torpedo-boats and Destroyers **86**, 422.
Torpedo-boats: Care and Preservation, Torpedo-boat Stations **99**, 618.
Torpedo-boats: The New (1896): **79**, 676.
Torpedo Cruiser **69**, 214.
Truxtun: Launch, description **99**, 620.
Vicksburg: Trial **82**, 383.
Vicksburg Class **80**, 824.
Vessels Building, 1899: **89**, 250.
Warships Building **88**, 806.
Wheeling: Trial **82**, 383.
Whipple: Launch, description **99**, 620.
Wilkes: Launch, description **100**, 782.
Wilmington and Helena: Trials **82**, 381.
Wisconsin **96**, 720. Final Commission Trial **99**, 620.

Ships (Cont.)
United States (Cont.)
Worden: Launch, description **99**, 620.
Wyoming: Launch **96**, 717.
Unsinkable Ships
See also: Collisions and Groundings; Salvage; Names of Ships.
Building Five Unsinkable Ships **184**, 1347.
Cape Cod's toll of lives and shipping **153**, 1509.
Cork Lining for Reserve Buoyancy **176**, 2346.
French war ships' lost at sea during 1850-1900: **109**, 215.
Making Ships Unsinkable **175**, 2110.
To Make Ships Unsinkable **141**, 371.
An Unsinkable Battleship **160**, 2019. **163**, 987.
Unsinkable Mercantile Ships **182**, 892.
Unsinkable Ships for France **179**, 112.
Vessel Change of Status Report (Nbk) **722**, 156. **723**, 154. **725**, 146. **726**, 136.
Warship Design: Ours and Theirs. J.W. Kehoe, Jr. **870**, 56. **874**, 73, 74.
Warships (all nations) Launched in 1896: **81**, 174.
Warships Launched in 1897: **85**, 135.
We Make Our Ships Ugly by Design (ProfNote). P. Sims **861**, 113. C&D: **864**, 83. **866**, 87. **876**, 75.
Shock, T.M. **274**, 2338.
Naval War College, 1946: **524**, 1333.
Shoemaker, B.H.: Ships of Ice (ProfNote) **876**, 103. **883**, 80.
Shoemaker, J.M.
Advent of the Ringtailed Aircraft Torpedoes (C&D) **821**, 97.
Thrust and Engine Efficiency **313**, 242.
Shoemaker, W.R.
Merchant Marine Naval Reserve and Value **286**, 2528.
Personnel Accomplishments **284**, 1936.
"Shoes and ships and sealing wax...": 75 Years of Proceedings Advertising (Pict) **848**, 119. **853**, 104.
Shoes: Why the Limp? G.E. Davis **365**, 988.
Shogrum, Kinley (artist): USCGC Hamilton (WHEC-715)--October 1969 Cover.
Sholes, H.L. **702**, 106. **725**, 108.
Shooting Galleries: See: Guns and Gunnery.
Shooting under War **79**, 672.
Shore Bombardment
Naval Gunfire Support (C&D) **785**, 95.
Naval Gun in Vietnam (ProfNote). W.J. Stewart **770**, 132.
Operation Sea Dragon (Pict). R.D. Moeser (photog.) **776**, 84.
Shore Duty Only: Officer for. E.P. Jessop **226**, 1885.
Shore Establishments
ASW Facility at Cape Cod (Nbk) **753**, 153.
Auto Plant Urged for N.Y. Naval Shipyard (Nbk) **748**, 148.
Bainbridge (Md.) Due New Role (Nbk) **751**, 150.
Brooklyn Yard Launches Last Ship (Nbk) **753**, 152.
Changes in Status of Ships and Shore Establishments, J.B. Finkelstein
January 1-31, 1974: **854**, 126.
February 1-28, 1974: **855**, 299.
March 1-31, 1974: **856**, 125.
April 1-31, 1974: **857**, 127.
May 1-31, 1974: **858**, 126.
June 1-30, 1974: **859**, 126.
July 1-31, 1974: **860**, 117.
August 1-31, 1974: **861**, 127.
September 1-30, 1974: **862**, 125.
Dam Neck, Me and My. P.D. Gallery **814**, 52. **821**, 93.
D.C. Navy Yard Plan Passes CNO (Nbk) **770**, 148.
Instant Airfields Ashore (NewNav). W.P. Haight **753**, 168.
Managing the Shore Establishment. H.N. Kay **898**, 18.
The Naval Shore Establishment and Parkinson's Laws. D.A. Morton **868**, 44. **872**, 88. **875**, 72.
Saga of Drydock One. T.B. Buell **809**, 60. **814**, 85. **816**, 86.
Shipyards May be Face-lifted (Nbk) **777**, 148.
U.S. Navy--Middle Age Spread. J.C. Bussert **844**, 18. **849**, 92.
Yokosuka 1865-1965 (Pict). J.S. Jones **754**, 95.
Shore Establishments--Yards, Bases and Stations
Ford Island (Pict). J.E. Wise, Jr. **740**, 77.
New Base Planned at Roosevelt Roads, P.R. (Nbk) **738**, 155.
Our Nation's Shipyards. J.J. Meyer, Jr. **741**, 34.
Portsmouth Naval Shipyard (Pict). J.D. Alden **741**, 89.
Roosevelt Roads (Pict) **735**, 92.
Why N.Y. Took the Rap (Nbk) **744**, 154.
Shoreham (HMS) **334**, 1138.
Shore Patrols
See also: Patrols.
Nelson, F.J. **491**, 45.
Plan for Naval Shore Patrols. B.B. Dunning **563**, 45. **567**, 560.
Short, M.K.: Combat Rifle Sling **572**, 1119. **578**, 427.
Short Waves: See: Radio.
Should Government of Samoa Be Changed? S.F. Bryant **331**, 834.
Showing the Flag: Operation Sea Orbit (ProfNote). B.M. Strean **745**, 124.
Shown, T.G.: Naval Aviators: White Sheep or Black Sheep? (C&D) **834**, 96, 97. **840**, 89.
Shrader, G.F.: USS Colorado: The "Other" Battleship **886**, 46. **889**, 84.
Shrapnel: See: Explosives.
Shreaves, S.J. **828**, 57.
Shreve, G.S. **693**, 103.
Shrimp (U.S.): They Also Served (OldNav). W.T. Wright **742**, 164.
Shrinkages. J.H. Glennon **78**, 447.
Shropshire (Eng.) **307**, 786. **308**, 904. **353**, 1072.
Shufeldt, H.H. **543**, 629. **678**, 120.
Book Review **813**, 91.
Shufeldt, R.W.
American Navy in the Orient. C.O. Paullin **140**, 1155.
Gentleman and Diplomat. A.S. Hickey **479**, 73.
Shultz, R.T. **680**, 102. **686**, 119.
Milder When Toasted (anec) **650**, 427.
Shumaker, L.A. (BkRev) **760**, 134.
Shumway, Peter: Just Messing Around (anec) **641**, 731.
Shupper, B.H. **642**, 878.
Lesson in Judgment (anec) **664**, 71.
Modern Enlisted Personnel Distribution **674**, 91.
What's In a Name? (anec) **665**, 34.
Shute, J.W. **701**, 102.
Siacci's Ballistic Equations. W.W. Johnson **57**, 57.
Siam
Chandler and The King of Siam (OldNav). L. Reusille **821**, 78.
History: American Mission to Siam, 1849. In Paullin, C.O.: Early Voyages **138**, 416.
Navy: Vessels building, 1913: **149**, 237.
Revolution Against King **354**, 1210.
Siberia **202**, 2114. **204**, 314. **207**, 760.
Book Review **353**, 1063, 1093.
Map **319**, 824.
Vladivostok **238**, 2203.
Sibley, R.: Power--In Shadow of New Tomorrow **472**, 774.
Sicard's Life, Two Episodes in. C.F. Goodrich **258**, 1278.
Sicily
Invasion of Sicily: Planning for Sicily. R.M. Leighton **711**, 90.
Naval Aspects of the Sicilian Campaign **626**, 454.
Hewitt, H.K. **605**, 705.
Sick Bay
Care of the Wounded Aboard Ship During Battle. D. Paschen **116**, 1028.
Origin **311**, 13.
Sidereal Time in Solution Star Sights. J.E. Gingrich **348**, 266. **351**, 749.
Siege and Capture of Louisburg. W.C. Tyler **347**, 81.
Siege of Baler Church. C.C. Hanks **340**, 782.
Siege of St. Jean d'Acre **442**, 1727.
Sieminski, William L.: Shake Son! (anec) **634**, 1338.
Sigel, C.H.: Reserve Fleet **581**, 681.
Sights, A.P., Jr.
Airlift to Kut **827**, 50.
Graduated Pressure in Theory and Practice **809**, 40.
The Projection of Power by Air (NavRev) **867**, 86.
Rational Victory (C&D) **782**, 109.
Sights and Sighting
Aiming by telescopic sight compared with aiming by open sights: a physico-physiological study. Tr. from the German. (illus). S. Crapski **113**, 129.
Description of Sights of HMS Triumph **111**, 658.
Grenfell Sighting Device **105**, 287.
Hazell Sighting Device **113**, 236.
Invention and Development of the Telescope Sight. B.A. Fiske **130**, 405.
New Naval Guns and Their Sights (1909): **130**, 593.
New Sights of HMS Triumph **112**, 881.
On the invention and development of the telescope sight. P.R. Alger **130**, 569.
Optical apparatus in the (European) war **163**, 996.
Relative value of the turret and the telescopic sight **142**, 595.
Re-sighting British naval guns (1909): **129**, 293.
Sighting experiments of HMS Hero **109**, 239.
Sighting problems of the aviator **194**, 677.
Sighting Telescopes, Gun **209**, 1139.
Sights for Guns, Telescopic. J. Strauss **79**, 587.
Sights for Ordnance **77**, 209.
Telescopic Sight for Machine-guns (1911): **140**, 1452.
Telescopic Sights for Rifles **156**, 561.
Signals and Signaling
See also: Communications; Flags; Fog; Fog Signals; Radio; Salutes; Submarine Signaling; Aeronautics; Signaling.
Automatic SOS **355**, 1381.
Aviation Signaling and Safety. W.V. Gilbert **294**, 889.
Bad Signaling Mistake in English Marine Art **662**, 107.
Captain F. Marryat, R.N. N.P. Mead **361**, 371.
Coast Flash-Light Signaling **163**, 955.
Conflicting Signals. R.F. Farwell **373**, 333.
Ding Dong Toot. J.W. Talley **568**, 627.
Distress: Inverted Ensign **401**, 1080. **405**, 1621, 1667. **409**, 395. **413**, 1066.
Early Marine Signals. H.M. Chapin **297**, 1191.
Earliest English Signal Book. H.P. Mead **394**, 1819.

Fiske Semaphore System. B.A. Fiske (Illus) **107**, 679.
Halsey's Famous Signals. R.H. Roupe **582**, 828.
Heraldry and Our International Signal Flags. F.C. Nyland **403**, 1261. **410**, 555.
Hurricane Warning **397**, 360.
In Daveluy, R.: Genius of Naval Warfare **136**, 1010.
Infra-red Rays **214**, 2038.
International Code, New **349**, 440.
International Code of Signals **370**, 1799.
International Code, History of. H.P. Mead **378**, 1083.
Intership Communication--Its Importance in War and Peace. J.W. Welch **405**, 1597. **408**, 254.
Invisible Rays **210**, 1366.
Invisible Signals **200**, 1794.
tics **161**, 86.
LSO--Is He the Carrier's Forgotten Man? (ProfNote). W.W. Mellette **707**, 141.
Means to an End. R. Hargreaves **616**, 621. **619**, 1043. **620**, 1159.
Message Signalling in the Fleet. R.D. White **140**, 1263.
Navy Coast. R. Wainwright **48**, 61.
The Navy Signal System. E.L. Barr **146**, 583.
On Single Display Tactical Signals
Niblack, A.P. **106**, 429.
Poundstone, H.C. **106**, 421.
On Signals **104**, 939. **105**. 221.
Mulligan, R.T. **104**, 944.
Murdock, J.B. **104**, 937.
Smith, R.C. **104**, 942.
Origin of Our Signal Book. R. Earle **143**, 1037.
Semaphore System **417**, 1538.
Signals: In Yarnell, H.E.: Naval Tac-
Signals codes used by our Revolutionary commanders for the convoy of merchantmen **143**, 1041.
Signal Corps, Navy of the. C.A. Smith **636**, 167.
Signaling and U.S. Merchant Marine. J.W. Welch **395**, 79. **397**, 410. **399**, 714. **407**, 103. **414**, 1166.
Signaling in British Navy (1800). A.R. McCracken **347**, 45.
Signal Lanter, The Miklaschewski **81**, 168.
Signalling Experiments, Russian **84**, 767.
Signalling in the British Navy (1910): **136**, 1170.
Signalling, Naval: Discussions. A.P. Niblack **65**, 95. **64**, 431.
Signalling Plant on Lightship **79**, 668.
Signalling to an Approaching Vessel... D.H. Mahan (Rev) **42**, 497.
Signalman
Junior Officer of Water, and Radio Telephone (ProfNote). E.F. McCartan **651**, 568.
Lay of the Last (Poem) **646**, 1259.
Why Not Warrant Quartermaster-Signalman. F.V. Rigler **415**, 1259. **419**, 103.
Signal Question in the Atlantic Fleet. T.G. Berrien **156**, 499.
Signal Question Once More **103**, 553.
Signal Question Up to Date. A.P. Niblack **61**, 57.
Signals for the Navy, Day, Night and Fog. A.P. Niblack **58**, 253.
Signals for use in hydrographic surveying. A. Rust **144**, 1473.
Single Display Tactical Signals. H.C. Mustin **105**, 203.
Splice the Main Brace **355**, 1372.
Synchronous Signalling and Safety at Sea **185**, 1593.
System of Fog Signals **84**, 751.
A system of instruction and exercise in flag signals. W.W. Smith **118**, 655.
Transmission of orders during the naval battle of the Russo-Japanese War **145**, 283.
Universal Signal Book, 1818. A.R. McCracken **372**, 230.
Use of Lights for Day Signalling **166**, 2003.
War Signals **108**, 93.
Signor, Matt H.
New Type of Battleship **101**, 1. **103**, 619.
On Training Ships **102**, 293.
Sigsbee, C.D.
Another graphic solution in coast navigation **104**, 923.
A Fallacy in Composite Great Circle Sailing **33**, 332.
Graphical Method for Navigators **33**, 241.
Letter re St. Paul (U.S.) and Terror (Span.) **412**, 866.
Progressive Naval Seamanship **48**, 95.
Sigsbee's Parallel Rule **20**, 321.
Silas Bent (U.S.): USNS Silas Bent (T-AGS-26) (NewNav). R. Niblock **757**, 166.
Silencers, Airplane Exhaust. R.M. Mock **306**, 701.
Silent Service
Most Silent Service. M.W. Cagle **798**, 37. **802**, 112, 113.
Quiet Crisis in the. T.B. Thamm **822**, 50. **827**, 85. **830**, 98. **832**, 110, 111.
Siler, O.W.: Tradition of Excellence, Time of Change **877**, 34.
Silesia **219**, 797. **226**, 1986. **233**, 1256.
Silk, F.W. **701**, 98.
Silva, P.B.G. da: When Is a Language Not Foreign? (anec) **790**, 53.
Silver: Typhoons and Sycee. R.C. Smith **345**, 1473.
Silver, J.A.
Just Non-Commissioned Marksman (anec) **572**, 1103.
Right on Schedule (anec) **586**, 1295.
The Tattooed Sailor (anec) **625**, 299.
Silver, S.M., and T.H. Etzold: Tactical Implications of the Washington Naval Conference (ProfNote) **847**, 109. **853**, 92.
Silverman, M.J.: Maximum Speed (anec) **648**, 199.
Silvers, J.W.: Effective Writing: Navy or Civilian (C&D) **790**, 110.
Silver Shell (SS): Engagement with Submarine **173**, 1611.
Silversides (SS-236): **895**, 71.
Silverstone, P.H. (BkRev) **759**, 133.
Silverthorn, M.H. **600**, 210.
Sima, Fred F.: Bully for George (anec) **878**, 108.
Simmers, W.W.: Oceanic Education Is Needed for Our School Systems (C&D) **858**, 82. **862**, 82.
Simmons, D.W.: Operation Plymouth Rock (anec) **704**, 39.
Simmons, E.H.
Book Review **883**, 89.
Marine Corps Operations in Vietnam 1968 (NavRev) **807**, 290.
1969-1972 (NavRev) **843**, 196. **851**, 75.
Marines and Crisis Control **753**, 26.
The Marines: Now and In The Future (NavRev) **867**, 102. **871**, 83. **875**, 70.
Simmons, K.J.: Officer Personnel Management (C&D) **758**, 138. **763**, 125.
Simmons, K.W.
Coming Aboard (anec) **546**, 989.
Morality and the Communist Menace **707**, 78. **713**, 117. **714**, 112.
National Security in the Nuclear Age **688**, 83.
Simmons, S.W.: Me and My Dam Neck (Gallery) (C&D) **821**, 93.
Simon, J.L. **636**, 204.
Discipline and the Division **632**, 1111.
Simon, M. **621**, 1273.
Simon, P.C.
Damage Control, Ready or Not **767**, 33. **771**, 120. **774**, 104.
Let's Try to Retain Forgotten Men (Hunter) (C&D) **814**, 82.
Simonds, F.H.
Armaments and Debts **348**, 284.
British See War in Far East **266**, 678.
Disarmament **343**, 1278, 1294. **345**, 1568.
Peace in Europe **348**, 307.
Prospects for 1933 in Europe **359**, 151.
Territorial Aggression **352**, 941.
Simonitsch, M.A. (BkRev) **890**, 92.
Simons, M., II: **617**, 817.
Book Review **783**, 117.
Simons, R.B.
It's All in What You Are Accustomed to (anec) **658**, 1333.
Some Notes on Old Guns **411**, 653. **416**, 1479.
Simons, R.L. **430**, 1795.
Great Ship's Last Mooring **407**, 83.
Ice Breakers **383**, 49. **388**, 856. **394**, 1845.
Marine Museum of Stockholm **390**, 1078.
Russia Fights Another Cold War **619**, 959. **622**, 1393.
Sweden Reefs Her Sails **418**, 1722.
Sweden's Defense Problem **669**, 63.
Simons, W.E.
Book Review **760**, 133.
Service Academies and Higher Education **704**, 41.
Simonstown, Continuing Strategic Importance of. D.C. Watt **800**, 50. **805**, 100.
Simonstown to Singapore. L. Griswold **825**, 52.
Simonton, B.S.: Men in the Middle (Purtell) (C&D) **802**, 107.
Simouns (FN) **330**, 754.
Simpas, M.G.: Admiral Lord Cochrane: A Hero for Today's Professionals (Lynch) (C&D) **869**, 79.
Simpson, B.M., III: Victory in Limited War (Parnell) (C&D) **804**, 92.
Simpson, B.W.: Bombing Accuracy **273**, 2197.
Simpson, E.
The Navy and Its Prospects of Rehabilitation **36**, 1.
A Proposed Armament for the Navy **16**, 165.
Simpson, H.R.
Counter-Guerrilla Operations **808**, 56.
Guerrilla and His World **798**, 42.
Terror **806**, 64. **818**, 96.
Simpson Face-hardening Process
Description **138**, 658.
Results of Trials **142**, 784.
Sims, Philip
Freeboard Problems 1938: **875**, 79.
We Make Our Ships Ugly by Design (ProfNote) **861**, 113. **864**, 83. **866**, 87. **876**, 75.
Sims, R.B.
Admiral or Equivalent (anec) **766**, 83.
The 598 Overhaul (NewNav) **743**, 150.
Sims, W.S. **368**, 1438. **450**, 1217. **596**, 1141.
See also: Cover Pictures.
Admiral Sims as I Knew Him. B.B. Wygant **584**, 1089.
Cheer Up! There is No Naval War College **163**, 857.
Inherent tactical qualities of all-big-gun, one calibre battleships of high speed, large displacements and gun power **120**, 1337.
Limitations of the Submarine **173**, 1559.
Military Character **169**, 437.
Military Conservatism **229**, 347.
Naval Morale After War **235**, 1461.
Naval War College **219**, 705.
On the Appointment of Admirals Sims. A. Pollen **174**, 1895.
Photograph **174**, 1861.
Placed in command of Allied forces in

Sims, W.S. (Cont.)
Placed in command (Cont.)
Irish Waters **174**, 1863.
Practical Naval Officer **218**, 525.
Principles and Methods Applied Afloat **156**, 383.
Promotion by Selection **376**, 769. **378**, 1156. **379**, 1289, 1290. **380**, 1425. **381**, 1602, 1603, 1607. **383**, 97. **385**, 407.
Recollections. J.M. Ellicott **589**, 319.
Report made on arrival of American destroyers in war zone **173**, 1617.
Service Opinion Upon Promotion by Selection **388**, 791. **393**, 1685.
Sims--The Iconoclast. H.A. Baldridge **408**, 183. **412**, 918.
Submarines in War **246**, 1373.
Training Ranges and Long Range Firing **111**, 511.
U.S. Naval War College **199**, 1485.
View on Aviation **228**, 308.
What should be the relations between the battle fleet and the reserve fleet? **151**, 727.
Sims-Dudley Gun **83**, 577.
Simulators in Flight Training: A Pilot's View. C.A. Wheal **884**, 50.
Sinclair, V.R. **458**, 557. **460**, 860.
Singapore, Fast Patrol Boat for (Nbk) **801**, 159.
Singapore Naval Base
Cost **247**, 1498. **249**, 1889. **283**, 1806. **287**, 87. **342**, 1109.
Description... **243**, 857. **245**, 1179. **247**, 1517. **249**, 1889. **250**, 2054. **253**, 448. **255**, 802-804, 865. **260**, 1711. **261**, 1863. **263**, 111. **265**, 463. **268**, 1058. **286**, 2546. **290**, 469. **302**, 310. **309**, 1000. **331**, 855. **334**. 1151. **346**, 1716.
France **249**, 1891.
Future **264**, 288.
Importance **254**, 625, 679. **334**, 1151.
Japan **249**, 1888. **287**, 87.
Pre-1942 Singapore Naval Base. C.N. Parkinson **643**, 939.
Progress of Work **323**, 57. **331**, 855. **346**, 1716.
Singapore Naval Base: Strategy **254**, 625, 679. **269**, 1251. **312**, 155. **334**, 1151.
Singapore Strait: See: Malacca Straits.
Singer, F.L.: Pao Chia: Social Control in China and Vietnam **753**, 36.
Single Service
See also: Unification.
Perennial Fallacy. A.N. Glennon **694**, 55. **699**, 123, 124.
Sinkings: See: Accidents to vessels; Collisions and Groundings; European War--1914-1918--Casualties; Ship Losses; Submarine Boats--Accidents; Names of Vessels.
Sino-Japanese Relations **344**, 1431. **352**, 928. **356**, 1529.
Sino-Japanese War: See: China.
Lessons of an Undeclared War. M. Okumiya **838**, 25.
Pearl River Log, Different Navy, Different World. J.P. Clay **811**, 58.
Sino-Russian Relations: See: Russo-Chinese Relations.
Sino-Soviet Border Clashes: The Bear and the Dragon. J.B. Wolf **801**, 84.
Sino-Soviet Power in the West Pacific. O.E. Clubb **676**, 65.
Sinton, W. **452**, 1476. **456**, 255. **463**, 1314. **465**, 1615.
Siphon: Value in Pumping **205**, 469.
Sirius (HMS): Sunk **184**, 1380.
Sirius (U.S.)
Crane Ship Tow: See: Towing.
Hell Gate Tow: See: Towing.
Navy Cargo Ship. F.F. Rogers **313**, 219. **317**, 626.
Sisson, J.B.: New Way for Officer Fitness Reports (C&D) **783**, 113.
Sisson, T.U.: "In Any Operation"--Aircraft Carriers **625**, 257.
Situation in regard to Diesel engines for capital ships. A.M. Procter **317**, 605.
Sivaraks, Pravit: Liaison Officer For Intercommunication (anec) **728**, 53.
Sivutch (Russ. gunboat): Blown up at Newchwang **112**, 870.
Six-masted Schooner **92**, 930.
Sixth Fleet, U.S.
Adriatic: Soviet Seaway Someday? E.P. Sullivan **834**, 26.
Beefed Up for a Bigger Job. W.H. Hessler **666**, 23.
CNO Says War Depletes (Nbk) **796**, 151.
Genesis of Sixth Fleet. S.G. Xydis **666**, 41.
Pictorial Section **591**, 544.
Sixth Fleet Shows Signs of Age (Nbk) **801**, 157.
Sixth Fleet To Get New Permanent Homeport in Greece (Nbk) **830**, 122.
Soviet Paper Praises Sixth Fleet (Nbk) **796**, 152.
Those Storm-beaten Ships, Upon Which the Arab Armies Never Looked, F.C. Miller **865**, 18. **874**, 76.
U.S. Sixth Fleet: Search for Consensus. P.A. Dur **856**, 18.
Why a U.S. Fleet in the Mediterranean? (NavRev) H. Rivero **891**, 66.
Versatile Sixth Fleet. W.H. Hessler **591**, 469.
View From the Bridge of the Sixth Fleet Flagship. I.C. Kidd, Jr. **828**, 18. **830**, 91. **837**, 97.
60-Knot Landing Force. M.J. Hanley **769**, 45. **774**, 103.
Size and spacing of units in certain new large scale high explosive depots. G.L. Schuyler **323**, 31.
Skallerup, H.R.: "The First Hundred Years Are..." (Smith) (C&D) **852**, 88.
Skarlatos, Paul (co-author): See: Rubel, D.M.
Skate Breakthrough at the North Pole. W.H. Layman **679**, 32.
Skeena (Can.) **331**, 857. **334**, 1137. **337**, 398. **338**, 539. **341**, 972. **345**, 1573. **347**, 124. **444**, 256.
Skenesborough, N.Y.: Continental Navy Shipyard (OldNav). E.G. Farmer **740**, 160.
Skerrett, R.G.
Arc Welding **195**, 836.
Baptism of Ships **130**, 541.
Navigational safeguard for trans-Atlantic flight **187**, 2157.
Progress in submarine craft **129**, 328.
Wreck of Royal Savage Recovered **393**, 1646.
Skies, Our Crowded. R.J. Koch, Jr. **811**, 26. **818**, 93.
Skillman, J.H.
Day in Hawaii **386**, 496.
Eating Through Years **457**, 361.
Evolution of Navy Ration **382**, 1678.
International Petroleum Situation **337**, 299.
Menu Planning **455**, 83.
Victuals, Vitamins, and Victory **345**, 1522.
Wardroom Melody **411**, 681.
Skin Diving in Polar Seas. F.D. Fane **672**, 65. **680**, 103.
Skinner, L., Jr.: Junior Naval Reserve Officer and Military Command **487**, 1165.
Skinner, T.C.: Leyte--October 1959 Cover.
Skin resistance of ships: In Propulsion of Ships **182**, 866.
Skipper, J.W.: The ASW "Six-Pack" (ProfNote) **826**, 103.
Skirmisher (HMS): Trials **115**, 716.
Skoda Arms Works **201**, 1938.
Skyhook Retrieval (ProfNote). L.A. LeSchack **757**, 138.
Skyraider Bows Out and Corsair II Enters Combat (Pict). Jean Coté and Donald Grantham **785**, 79.
Slack, R.M. **684**, 104.
Speed in Fog **677**, 77.
Sladen's Gunnery, Notes on. J.M. Rice **19**, 191.
Sladky, J.F., Jr. (BkRev) **882**, 85.
Surface Effect Vehicles: A Perspective (ProfNote) **878**, 101.
Slaff, A.P. **647**, 94.
Let's Show the Grape with the Flag (C&D) **769**, 115.
Naval Advisor Vietnam **794**, 38. **799**, 102.
Navy Sails the Inland Seas **681**, 23.
Time for Decision **642**, 809.
Slaff, Allan (co-author): See: Tazewell Shepard, Jr.
Slang: See: Traditions, customs and sea terms.
Slater, L.D.: United States Navy for the Future (Smith) (C&D) **821**, 91.
Slattery, E.A.: St. Peter Was Sailor! (anec) **613**, 279.
Slattery, F.L.: Gun Gap and How to Close It (C&D) **755**, 112.
Slava (Russ. battleship): Loss of the Slava **177**, 2732. **178**, 3046.
Slava (Russ. cruiser): Description **105**, 275. **108**, 983.
Slave Trade: An Error in Flags (OldNav). C.H. Jenrich **779**, 138.
Slawson, P.S. **249**, 1875. **343**, 1253.
Slayton, C.C.
Notes on Handling Destroyers **197**, 1201.
Oceanography and Navy **371**, 33, 99.
Slee, J.A.: Improvements in Radio **250**, 2107.
Sleeping Giant: World Power of Future. W.R. Carter **278**, 677.
Slide Films for Training Use. H.W. Dusinberre **472**, 839.
Slidell and Mason **341**, 870.
Slide Rule
Airship **248**, 1739.
Celestial Triangle--Solution by Slide Rule. R.A. MacGregor and E.A. Beito **571**, 1009.
Cylindrical Slide Rule. A. Rust **306**, 667.
Fixing Decimal Point. F. Green **258**, 1292. **260**, 1701.
Invention of Slide Rule **121**, 451.
Navigation, Slide Rule in. H.T. Van Patten **378**, 1104, 1143.
Navigator, Handy Aid to. J. James **386**, 493.
Slide Rules for Navigators. A. Rust **218**, 497.
Slifer, A.W. (co-author): See: J.D. Oliver, Jr.
Sloan, E.W., III: Isherwood's Masterpiece **754**, 55.
Sloan, J.D.: Tugs and Pilots **617**, 784.
Sloane, C.A. **222**, 1274.
Sloane, Sebastian: Safety First (anec) **801**, 83.
Sloane, T.M.: Who Goes There? (anec) **687**, 45.
Sloat (USS) **336**, 251.
Slocum, F.A. **376**, 845. **386**, 568.
Slocum, W.: Naval Technical Mission to Japan **551**, 1.
Slogans of Navy **372**, 233.
Krafft, H.F. **290**, 519.
New Slogan for the Navy **628**, 697.
Slonim, G.M.: Flagship View of Command Decisions **662**, 80.
Slonim, Shlomo: Suez and the Soviets **866**, 36. **871**, 82.
Sloops
England **323**, 57. **326**, 340. **334**, 1138. **337**, 398. **345**, 1574. **354**, 1222. **356**, 1524. **356**, 1674.
France **337**, 399, 401.
United States **341**, 868, 870. **348**, 253,

255. **356**, 1464. **358**, 1737.
Slotters: Newton Portable Slotter (Photo) **134**, 522.
Slye, R.J.: The Economics of a 200-Mile Fisheries Zone **888**, 35.
Smaldone, R.A.
A Case for Pre-Positioning (ProfNote) **897**, 109.
Wanted: Czar for Amphibious Forces (NAMB) **893**, 94. **897**, 73. **902**, 19.
Small, D.L.
Catapults Come of Age **620**, 1113.
Helicopters in Review (Pict) **622**, 1376.
Small, E.B. **545**, 894.
Small, E.G. **254**, 615. **454**, 1784. **461**, 1014.
Morale Affects Leadership of Deck or Engineer Division **233**, 1149.
U.S. Naval Academy: An Undergraduate's Point of View **144**, 1397.
Small, J.C. **538**, 1505. **544**, 762. **550**, 1559.
Small, W.A.: Vietnam: Winnable War? (Hughes) (C&D) **897**, 84.
Small Arms
See also: Guns and Gunnery.
Factories
Chinese Arsenals **100**, 837.
Small-arm Factory at Calcutta **100**, 837.
Firing
Penetration of Bullets in Sand **100**, 838.
Penetration of Soft-nosed Bullets in Flesh, Bones... **100**, 838.
For the Swedish Government **69**, 210.
The Lee System for. **17**, 325.
Magazine. W.W. Kimball **17**, 231.
Pistols: Fortelka and Leitner Magazine **100**, 836.
Pistols--Automatic
Hamilton Automatic Pistol **100**, 836.
Luger Automatic Pistol, Purchased for Trial in U.S. Army **98**, 436.
Rifles
Automatic: German Army. Experiments with Automatic Rifles **100**, 835.
Bang Straight-pull Rifles **100**, 836.
China: Army. Mammoth Rifle **100**, 837.
German Army. Mauser M. 98, Issue of... **100**, 835.
Germany M87-97: **97**, 206.
Great Britain, Army. Defects of Rifles in Service **100**, 835.
Krag-Jorgensen Magazine, New Model **100**, 834.
Lee-Pudney Rifle **98**, 435.
Switzerland. New Short Model for Special Service **98**, 435.
Switzerland. New Rifle under Trial **100**, 834.
Revolvers: Switzerland. New Revolver, remarks **100**, 836.
Small Boat Operations: Joint Training for Inshore Naval Operations (ProfNote). R.R. Yohanan **781**, 130.
Small-boat Sailing as Character-Builder. J.W. Moore and A.P.H. Tawresey **328**, 500.
Small water-plane twin hull ship (SWATH). L.J. Holt **865**, 26.
Smallwood, F.K.
Surface Line Officer: Some Conn, Some Can't (Iarson) (C&D) **839**, 89.
What Do Lawyers Do? (Bannerman) (C&D) **894**, 71.
When Am I Committed to Collision? (Myers) (C&D) **844**, 96.
Smart, F.F., Jr.
First U.S. Governor of California (OldNav) **696**, 160.
Leadership: A Case Study **661**, 63.
No Higher Calling **666**, 36.
Sea Bees Score Again **668**, 75.
Smart, J.J. **654**, **891**.
Smart, J.P. **256**, 971.
Smedberg, W.R., III: **552**, 234. **562**, 1416. **568**, 683. **572**, 1143. **591**, 561. **596**, 1146. **602**, 446.
Book Review **761**, 129.
Manning the Future Fleets **719**, 121.
Whale of Mistake (anec) **576**, 173.
Smee, J.L.: Marine Helicopters--Stunted Growth (Watson) (C&D) **849**, 88.
Smelser, Marshall
Don't Look Now, But... (anec) **660**, 93.
Whether to Provide and Maintain a Navy (1787-1788): **655**, 944.
Smetheram, F.E.
Our Nation's Shipyards (C&D) **745**, 102.
Your Dad Is Still Taking Care of Your (anec) **846**, 31.
Smetheram, H.E.
ASW--Are We Missing the Boat? (C&D) **760**, 118.
Those First Impressions (C&D) **771**, 119. **777**, 103.
Vital Interests and Volunteer Forces (Brooks) (C&D) **824**, 91.
Smiley, S.A. **399**, 723. **433**, 407. **443**, 105.
Naval Warfare in Miniature **383**, 54.
Smith, A.C. **421**, 403.
High Standard of Skill **402**, 1167.
Monitor-Merrimac Legend **445**, 385.
Most Slandered Man in History **424**, 855. **426**, 1236.
Vanished Fleet **433**, 375.
Smith, A.C., Jr. **673**, 100.
Military Evaluation Systems (ProfNote) **810**, 125.
Rung Sat Special Zone, Vietnam's Mekong Delta (ProfNote) **782**, 116.
Small Anti-personnel Mine Detector (C&D) **846**, 98.
Smith, A.E. **595**, 1029.
Balloon Cruiser (OldNav) **871**, 70.
Battle of the Philippine Sea (Buell) (C&D) **861**, 102.
Bread and Water for the Bean (OldNav) **894**, 56.
Refloating USS Missouri (Pict) **576**, 181.
Smith, A.G.: Revision of Navigation Laws **267**, 834.
Smith, A. St. C. **423**, 744.
Intracoastal waterways; the Cape Cod Canal (Map) **151**, 661.
Smith, B.D., Jr. **677**, 102.
Bainbridge Is Not the Answer (C&D) **736**, 117.
Smith, B.E.
Cost Effectiveness--Fact and Fancy (C&D) **742**, 106.
Management Primer for Squadron Commanders **732**, 84.
Smith, B.J.: Etchings **472**, 758.
Smith, C.A. **620**, 1166. **627**, 588. **715**, 100.
Battle of Caribbean **619**, 976. **622**, 1391.
How to Write Scientific Article **245**, 1123.
Perfect Squelch (anec) **622**, 1375.
Martinique in World War II: **624**, 169.
Military Assistance in the Far East **694**, 40.
Navy of the Signal Corps **636**, 167.
Smith, C.B.: Excerpts from Test Pilot's Diary **588**, 131.
Smith, C.C.: "...A Hell of a Christmas" **790**, 63.
Smith, C.D.: Report on China, 1950: **571**, 951.
Smith, C.E. **304**, 538.
Smith, C.J.
Some Implications of University Unrest (Jampoler) (C&D) **801**, 111.
Submarine's Long Shadow (C&D) **760**, 118.
What Name, Please? (anec) **649**, 271.
Smith, C.W. **381**, 1601.
Smith, D.: Report on Baird's Steam Steering Gear **35**, 815.
Smith, D.A.
USS Garcia (DE-1040) (NewNav) **751**, 160.
Supercharged Steam Generating Plants (ProfNote) **742**, 134.
Smith, D.G.
Indebtedness (ProfNote) **790**, 138.
Nautical Rules of the Road, Revised (ProfNote) **761**, 151.
Prestige on the Lower Deck (C&D) **753**, 121.
Smith, D.O. **643**, 1000.
Background to Disarmament **644**, 1042.
Carrier Employment Since 1950 (C&D) **753**, 114.
Smith, D.W.: The Tripoli Monument (OldNav) **827**, 72.
Smith, E.C. **721**, 116.
Book Review **737**, 120.
Smith, E.H. **478**, 1759.
North Atlantic Ice Menace and Coast Guard **315**, 393.
Smith, F.G.W. **605**, 794.
and H. Capin: Charting Greater River in World **595**, 973.
Smith, G.A.
Mrs. O'Neill's Son, Johnny (anec) **610**, 1363.
Sea Scouting **226**, 1901.
Smith, G.H.
Case of Souvenir Shirts (anec) **606**, 867.
Friend, or Enemy? (anec) **581**, 747.
Secret Operation (anec) **576**, 173.
Shore Duty (anec) **603**, 490.
Smith, H.E.
Anatomy of Leadership **586**, 1285.
I Saw Morning Break **517**, 403.
What Is Military Mind? **603**, 509.
Smith, H.G. **308**, 935. **311**, 57.
Necessity for Definite Shipping Replacement Program **422**, 539.
Smith, H.M.: Hunters' Point Drydock (OldNav) **685**, 152.
Smith, Herbert E. and Arthur B. Chilton: Nuclear Power for the Shore Establishment **631**, 1012.
Smith, I.B. **363**, 738.
Smith, J.: Map Atlantic Coast **374**, 509.
Smith, J.B.: Cradle of Naval Aviation **615**, 553.
Smith, J.C. **636**, 211. **652**, 665.
Tarawa **609**, 1163.
Smith, J.E., Jr.: Industrial Engineering in Navy Yards **502**, 1467.
Smith, James H., Jr. **627**, 590.
Mobile Sea Base Systems in Nuclear Warfare **624**, 131.
Smith, Jay D.: Commodore James Barron, Guilty as Charged? **777**, 79.
Smith, J.M.: One More Catastrophe (anec) **696**, 161.
Smith, J.S., Jr.: "The Bureau Regrets..." **437**, 985.
Smith, J.V. **699**, 126.
Smith, K.D., Jr.
Last Battle Cruiser (C&D) **774**, 108.
Self Destruct Devices (Smith) (C&D) **800**, 122.
Smith, L.E.: Star of India to Sail Again (Nbk) **821**, 98.
Smith, L.I., Jr.: Work Study Groups (C&D) **744**, 118.
Smith, L.N. **695**, 116. **707**, 122. **718**, 108.
Low Cost of Freedom (Krulak) (C&D) **817**, 93.
Smith, L.P.Y. **403**, 1320.
British Destruction of Zeppelins **403**, 1242. **406**, 1772. **408**, 256. **412**, 871.
Smith, M.G. (Jack), Jr.: USS Spruance (DD-963) (Pict) **886**, 90.
Smith, M.P.: Night General Quarters (anec) **670**, 111.
Smith, Melbourne (artist): U.S. Revenue Marine--March 1976 Cover.
Smith, O. **396**, 264. **397**, 421.
Back to normalcy with amalgamation **250**, 2030.

Smith, O. (Cont.)
Fetish of Formulas **261**, 1841.
Navy Service Schools **278**, 691.
We Will Do Our Best **309**, 979.
Smith, P.D.: Art, Science, and Innocence Involved in Becoming Chief of Naval Operations (Horrocks) (C&D) **810**, 101.
Smith, P.H.: NROTC Plight **752**, 64. **756**, 102, 104, 105, 106, 107. **758**, 134.
Smith, P.T.
NFO and Squadron Command **806**, 40.
Tiger Hunting in Dinglabash (Aurand-Echo) (C&D) **860**, 92.
Smith, P.W.: The Merchant Marine--Awash in Manpower Problems (Miller) (C&D) **858**, 85.
Smith, R. **203**, 138. **232**, 1021.
Smith, R.A. (BkRev) **880**, 86.
Smith, R.A., III: Sea and/or Air (Papin) (C&D) **846**, 99.
Smith, R.C. **395**, 97. **600**, 205. **614**, 455.
Disposition and Employment of the Fleet. Hon. Mention, 1891: **58**, 121.
Electronics Vulnerability (ProfNote) **743**, 127.
Meaning of Service (C&D) **747**, 115.
Naval Reserves and Naval Volunteers **88**, 739.
Torpedo-boat Policy. Prize Essay, 1897: **81**, 1.
"The Wit to See" (C&D) **744**, 115.
Smith, R.C., Sr.
Correspondence on America **309**, 1032.
Economic Development of Guam **201**, 1871.
Line Personnel Situation **268**, 934.
Line Personnel Under Present Law **260**, 1609.
Some Thoughts on Line Personnel Situation **258**, 1221.
Smith, R.C., Jr. **246**, 1391. **250**, 2111. **259**, 1596. **265**, 454.
Fifty Years of Service **248**, 1601. **368**, 1417.
Nanking, March 24, 1927: **299**, 1.
Protection of American Nationals in China **334**, 1097.
Typhoons and Sycee **345**, 1473.
Smith, R.C., III: **598**, 1371. **599**, 89. **608**, 1134. **689**, 98. **693**, 105. **698**, 102.
The First Hundred Years Are... **848**, 50. **852**, 88. **853**, 93, 94.
From Files (anec) **593**, 719.
Gibraltar: Monument to Seapower (Weller) (C&D) **829**, 101.
High Price of Success (Hanks) (C&D) **797**, 111.
"How to Make Friends" (anec) **555**, 521.
I Have Not Yet Begun to Fight (anec) **584**, 1067.
Lord of the Californian (C&D) **784**, 110.
Member of the Wrong Outfit (anec) **701**, 154.
"Navigation Is Dangerous in Aleutians" (anec) **559**, 981.
No Special Leave (anec) **686**, 59.
"On Soundings" (anec) **554**, 403.
Proceedings Advertisement quoting Captain Dacres of HMS Guerriere (C&D) **804**, 98.
Sea Fight at Fayal (C&D) **781**, 114.
Sea Power and Japanese Empire **525**, 1441. **530**, 452.
Self-Destruct Devices? (C&D) **796**, 96. **800**, 122.
Shiphandling Notes for Large Ships (C&D) **765**, 131.
Stephen Decatur at New London (C&D) **780**, 103.
"There'll Be No Promotion..." (anec) **548**, 1275.
Toast to Queen (anec) **582**, 817.
Yi-Sun Sin Defeated Japan at Sea **496**, 691.
Smith, R.C., IV: **706**, 106. **722**, 126.
Wanted: A Surface Line School for Junior Officers (ProfNote) **729**, 129.
Smith, R.G. (artist)
Battle of Midway--April 1975 Cover.
Birmingham--Naval Aviation: The Beginning--January 1971 Cover.
Blue Angels--August 1974 Cover.
Douglas DT torpedo bomber--February 1974 Cover.
Enterprise on Yankee Station--August 1972 Cover.
F-18s fly over the USS America (CV-66)--October 1976 Cover.
"Launch Aircraft! Land the Landing Force!"--May 1977 Cover.
Riverine Patrol--August 1970 Cover.
"Sudden Squall"--June 1972 Cover.
Statue of Liberty--January 1976 Cover.
Windham County (LST-1170)--June 1974 Cover.
Smith, R.H.
ASW--the Crucial Naval Challenge (Nav-Rev) **831**, 126. **834**, 87.
Basic Principles Underlying Staff Organization **553**, 309. **563**, 88.
Mosquito Stings **454**, 1693.
Naval Officer's Career--Exigencies of the Service **824**, 18.
Not Enough Good Men **771**, 88. **776**, 108.
Notes on Our Naval Future **518**, 489.
Tactical Development in the Fleet **878**, 18. **882**, 80. **883**, 76. **884**, 98.
Toward a Navy Second to One **837**, 42. **847**, 93.
Submarine's Long Shadow **757**, 30. **760**, 117, 118. **736**, 116.
United States Navy for the Future **817**, 18. **820**, 81, 82, 83, 85, 87, 89, 90. **821**, 90, 91. **822**, 93, 94. **823**, 93, 94. **824**, 93. **825**, 93. C&D: **841**, 95. **847**, 93.
Vital Goal--A Workable Navy **748**, 60. **754**, 119, 120.
Smith, R.K.
Akron-Macon Heavier-Than-Air Unit (OldNav) **756**, 158.
Book Review **792**, 118. **825**, 97.
Design of the Great Airships (C&D) **784**, 117.
SS Naess Voyager, Flag of Convenience Ship (C&D) **775**, 109.
Smith, R.M. (photog.): Skyhawks Over Texas--March 1977 Cover.
Smith, R.R. **214**, 2001. **278**, 714.
Engineering Economy on Auxiliary Vessels **273**, 2101.
Engineering Economy on Battleships **251**, 18.
Engineering Study Directory for Officers **182**, 795.
On the Naval Reserve after the war **193**, 407.
Smith, R.W. **624**, 215. **701**, 107. **721**, 119. **728**, 132.
Book Review **734**, 122. **796**, 118.
Mahan's Historical Method **731**, 49.
Q-Ship--Cause and Effect **603**, 533. **606**, 899, 900.
Smith, Robert: Naval Administration under Secretaries of the Navy Smith, Hamilton and Jones, 1801-1814. (Port.) C.O. Paullin **120**, 1289.
Smith, Roy C.
Continuous compass correction at sea **106**, 413.
Instantaneous position plotter and course indicator (illus) **127**, 1019.
(Joint) army and navy maneuvers (1902) viewed from afloat **104**, 823.
On the alarming condition of the navy personnel **118**, 702.
On automobile torpedoes **108**, 913.
On promotion by selection **118**, 687.
On the role of doctrine in naval warfare **156**, 362.
On school of the officer **103**, 599.
On signals **104**, 942.
On training ranges and long range firing **112**, 833.
Personnel and promotion reduced to simplest terms **119**, 801.
Present (1908) phase of the personnel question **128**, 1129.
Recruiting of navy personnel **101**, 39.
Some considerations affecting the navy personnel **139**, 1013.
Universal military training in Guam (illus) **187**, 1987.
Smith, Roy C., III: **626**, 453.
Smith, S.L. **319**, 831.
Smith, W.E.: Distribution of Armor in Ships of War **35**, 777.
Smith, W.J.
Co-author: See: J.S. Demetry.
Eight-Inch Gun Cruiser (Rockwell) (C&D) **808**, 109.
Eight-inch Guns Relined in Ship-Shore Evolution (ProfNote) **842**, 107. **846**, 97.
Gun Systems in Air Defense--Feasible or Fiction? (ProfNote) **839**, 109.
Smith, W.S.
Aerospace Research Pilot School (Prof-Note) **734**, 132.
Napoleon's First Defeat. R.W. Daly **442**, 1727.
Smith, W.W. **425**, 1044.
Flotilla machine shop aboard USS Dixie **130**, 523.
A system of instruction and exercise in flag signals **118**, 655.
Smith (U.S.)
See also: Destroyer Named Smith.
Attacked by German Submarine **171**, 1078.
Smith-Hutton, H.H. **493**, 322. **503**, 88. **504**, 219.
Admiral Marc Mitscher: A Naval Aviator (Burke) (C&D) **870**, 87.
Early Russo-Japanese Relations **433**, 328.
Lessons Learned at Shanghai in 1932: **426**, 1167.
NATO Summit Conference **663**, 85.
Naval Limitations **410**, 463. **414**, 1168.
Navy League of Japan **408**, 191.
1974 (Bagley) (C&D) **815**, 88.
Post-War Problems and Navy **484**, 785.
The Press: A Matter of Perspective (Leider) (C&D) **852**, 96.
Smithson, J.R. **566**, 446.
Smithsonian Institution
Hall of American Merchant Shipping (ProfNote). E.J. Long **751**, 146.
Hall of Naval History **603**, 559.
Smith Sound and its Exploration. E. Bessels **30**, 333.
Smoke: Spraying smoke clouds to keep them low **187**, 2173.
Smoke Bombs **212**, 1682.
Smoke-boxes
Anti-submarine smoke boxes **176**, 2312.
Effectiveness of smoke boxes **177**, 2636.
Smoke Elimination
Burning soft coal without smoke **187**, 2142.
Destroyer smoke elimination tests (1912): **143**, 1147.
from Steamers **215**, 114.
Smoke producing device for merchant ships **188**, 2359.
Smoke screen indicator. W.L. Mann **285**, 2221.
Some Special Uses of Smoke Screens. R.C. Parker **449**, 953.
Smuggling: "Away the Prize Crew." A.R. Larzelere **863**, 52.
Smyth, R.P.: Navy Department: The Fulcrum and the Balance **771**, 70. **774**, 106. **778**, 109.
Smyth Channel (Magellan): Photo **130**, 467.
Snap Dragon (Privateer): Exploits of Otway Burns, privateersman and statesman. E.S. Maclay **163**, 873.

Sneak Craft: See: Submarines, Torpedoes.
Sneath, William: Two New Dewey Anecdotes (OldNav) **655**, 1030.
Snedeker, E.W. **710**, 122.
Snedeker, J. **536**, 1248.
Ensign's Budget **310**, 1080.
Naval Reserve Officer--An Appreciation **521**, 917.
Our Fighters Discuss Post-War Plans **503**, 29.
Significant Developments in Naval Law Since Pearl Harbor **532**, 663.
Why Navy Needs Law Corps **515**, 19.
Snedeker, J.C.: "I am the Two-Headed Ogre..." (Keener) (C&D) **881**, 79.
Snell, H.: Masquerading Marine. R.J. Walker **426**, 1148.
Snidecor, J.C. (joint author): See: Dyson, G.W.
Snitzer, R.E.: R.A.F., The Impossible Dream (Emmott) (C&D) **814**, 88.
Snohomish (U.S. Life-saving steamer): Description **129**, 331.
Snow, E. **228**, 263. **229**, 440. **239**, 120, 199. **245**, 1163. **260**, 1701. **275**, 109. **277**, 495. **285**, 2405. **290**, 503. **292**, 715. **297**, 1211. **303**, 433. **304**, 533. **316**, 559. **317**, 652. **342**, 1138. **442**, 1782.
Army Industrial College **270**, 1469.
Avenger of Blood **330**, 706.
Buy, Don't Be Sold, Insurance **336**, 181.
Correspondence; history of America **306**, 730.
For Honor of Flag **346**, 1661, 1704.
Letter Regarding Kedging **302**, 342.
Metamorphosis of Merrimac **345**, 1518.
Model Tank Experiments by Franklin **247**, 1469.
USS Niagara **314**, 303.
Origin of Water Tight Compartments **242**, 601.
Our First Line-of-Battle Ship **303**, 377.
Red Bill's Gifted Interpreter **310**, 1119.
Rodgers' Ruse **302**, 287.
Row Galley Bulldog **401**, 991.
Snow, Elliot
Value of voice-pipes for fire control communication (illus) **173**, 1417.
Voice-pipes (illus) **131**, 769.
Snow, H.E. **298**, 1318.
Snow, W.J. **289**, 380.
Snowden, L.F., and M.N. Carter: Sea-based Landing Force Operations (ProfNote) **837**, 105.
Snowstorms: See: Meteorology.
Snyder, B.L. **675**, 103.
Snyder, G.W.: Chips Were Down (anec) **799**, 59.
Snyder, C.P. **340**, 858. **383**, 112. **409**, 405. **415**, 1330. **423**, 743.
On "Geometry of the Marq Position Lines." **145**, 247.
Snyder, F.D. (BkRev) **767**, 112.
Snyder, H.R.
If I were to do my service over again **263**, 59.
Naval Reserve; Looking In and Looking Out **258**, 1296.
Snyder, P.W. **645**, 1229.
Sobczak, M.L.: Proceed to Assist...The Belknap Ablaze (Powers) (C&D) **884**, 101.
Sobczyk, E.: Why Did It Take You So Long? (anec) **747**, 51.
Sobel, A.I.: We've Been Rammed (anec) **665**, 27.
Sobieralski, V.R. **708**, 112.
Sobieski, John G.: Military Cover and Deception vs. Freedom of Information (Toole) (C&D) **877**, 116.
So-called Tidal Wave. H.A. Marmer **357**, 1633.
Socialism, Polish Road to. J. Gellner **671**, 69.
Society for Nautical Research
Established **137**, 337.
First Meeting **137**, 339.
Society for the Promotion of Engineering Education. Report of meeting, June 1911: **139**, 1078.
Society of Nautical Antiquaries. Proposal for the formation of. **134**, 593.
Society of Scabbard and Blade **361**, 384.
Sociology: Pao Chia: Social Control in China and Vietnam. F.L. Singer **753**, 36.
Socony-Vacuum Corp: Formed **347**, 128.
Sodhi, J.S.: Alert Quartermaster (anec) **758**, 111.
Soeten, Harlan: Caribbean Convoy (OldNav) **845**, 78.
Sokol, A.E. **615**, 580. **617**, 809. **618**, 939. **710**, 107.
Armored Cruiser--Past and Present **465**, 1544.
Barbary Corsairs--Lesson in Appeasement and International Cooperation **557**, 797. **579**, 542.
C&D: Adriatic: Soviet Seaway Someday? (Sullivan) (C&D) **840**, 97.
Cruiser of Schiff 45: **579**, 477.
Disarmament--Is It Possible? **698**, 57.
German Attacks on Murmansk Run **598**, 1327. **606**, 909. **608**, 1133.
German Experiments with Remote Control during Last War **492**, 187.
Italian Attempts at Harbor Forcing during Last War **467**, 37.
Italian Naval Assault Craft in Two World Wars (C&D) **753**, 117.
Naval Strategy in Adriatic Sea during World War **414**, 1077.
The Prinz Eugen (Schmalenbach and Wise) (C&D) **802**, 111.
Sea, Land, Air, and Missile Power **687**, 27.
Sea Power in Next War **591**, 519. **598**, 1370.
Sword and Shield in Our Power Structure **674**, 44.
Torpedo-Boat Carriers **477**, 1586.
Value and Danger of Naval History **522**, 1059.
Why Pearl Harbor? **506**, 401.
Sokolowski, J.W., Jr.: Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **815**, 85.
Solace (USS)
The Solace Report (1917): **173**, 1543.
Through...Strait of Magellan: Voyage of the USS Solace, 1909. R. Stone **130**, 455.
Unknown Ship (OldNav). B. Perlman **817**, 78.
Solan, J.E.: Lift-Raft Navigator **507**, 505.
Solar Eclipse
Expedition, 1929. C.H.J. Keppler **329**, 603.
Jet Races With Total Eclipse (Nbk) **750**, 164.
Solarometer, The: A Modern Navigating Instrument. W.H. Beehler **73**, 131.
Solberg, T.A.: Rewinding Main Drive Motor on Dreadnaught **235**, 1529.
"The Soldier's Rules" **898**, 30.
Soldiers' Wet Feet **349**, 458.
Soley, J.C.
The Naval Brigade **13**, 271.
Naval Reserves and Naval Militia **59**, 469.
On a Proposed Type of Cruiser for the United States Navy **5**, 127.
Soley, J.R.
Half-century of Naval Administration. C.O. Paullin **147**, 1251. **148**, 1497.
Jeannette Monument Address **55**, 569.
Life of Rear Admiral John Rodgers **20**, 251.
The Naval Campaign of 1812: **17**, 297.
Naval Education. Discussion **9**, 377.
Operations of the Mediterranean Squadron under Commodore Edward Preble in 1803-04: **7**, 51.
Soliani, N.: Steam Trials of the Lepanto **51**, 561.
Soljak, P.L.: Inca Mystery of South Seas **531**, 562.
Sollie, F.E.: Benny Suggs--An Incentive Program? (C&D) **810**, 103.
Solomon, Maurce: Present state of wireless telegraphy (1903): **105**, 301.
Solomon Islands
Bougainville. R.C.D. Hunt, Jr. **489**, 1449.
Bougainville Rendezvous. R.H. Bowers **593**, 763.
Bush Navigation in the. C.F. McGivern **852**, 68.
Guadalcanal, Japanese Commentary on. T. Ohmae **575**, 57.
Guadalcanal, Limeade on. R.G. Hubler **502**, 1501.
Jungle Allies. J.L. Zimmerman **558**, 873.
Night Raid on Vila. F. Hailey **499**, 1109.
One of Many Personal Adventures in Solomons. J.J. Southerland **482**, 539.
Solomons, E.A.: Subject: Change of Duty **325**, 200.
Solomons (U.S.) **540**, 221.
Som (ex-Fulton): Submarine for the Tsar. F.G. Babbitt **806**, 46.
Sombrero Island: Photo **130**, 458.
Somers, C.L.
Russian Book on the L-16 Incident (C&D) **770**, 110. **777**, 111.
Somers, C.L.
Submarine Disasters in Peacetime, 1900-1971 (NavRev). C.L. Somers **831**, 319. **837**, 91.
Somers, R. **304**, 486.
Daly, R.W. **547**, 1139.
Duels of. **132**, 1163.
Somers (USS) **273**, 2062.
See also: Spencer, Philip.
Something new in rudders. W.S. Ginn **328**, 503.
Sonar and Sonar Devices
Analysis of Sound (ProfNote). H.L. Fitch **698**, 133. **703**, 111.
Dolphins and Sonar (ProfNote). M.R. Bonsignore **736**, 147.
Do We Need an Undersea DEW Line? **673**, 98.
Practicalities of Sonar Range Prediction (ProfNote). A.N. Glennon **745**, 128.
Royal Navy Operates Mine-hunting Sonar (Nbk) **721**, 144.
Sensor Accuracy Check Site (ProfNote). A.G. Menke **844**, 111.
Sonar and Asdic, Anti-Submarine Sisters. M. Prendergast **546**, 1009.
Sonar-equipped sailboat: The "Ideal" ASW Vehicle: A Modest Proposal (ProfNote). A.W. Sear, Jr. **863**, 104. C&D: **877**, 126.
Sonar, Secret Weapon of Sea. J.M. Ide **530**, 439.
Sonobuoys Studied for ASW Aircraft (Nbk) **787**, 152.
Sound Range Prediction (ProfNote). J.C. Fry **702**, 131.
Sonar System To Help Locate Sunken Ships Developed by Navy (Nbk) **805**, 129.
SQS-26CX: **820**, 83. **822**, 94. **824**, 93.
Towed Sonar Follows Subs (Nbk) **762**, 152.
Ultrasonic Device Measures Ballast (Nbk) **786**, 159.
Uncertain Echo (ProfNote). A.N. Glennon **695**, 135.
Undersea Beacon Being Made (Nbk) **729**, 132.
Sonderburg Gunnery School: Established **112**, 849.
Sonenshein, Nathan (BkRev) **816**, 91.
New Approach to Navy Ship Procurement (ProfNote) **791**, 135. **796**, 110. **801**,

Sonenshein, Nathan (Cont.)
New Approach to Navy Ship Procurement (Cont.) 122.
Overhauling the Overhaul (C&D) **785**, 103.
Songco, R.P.: A Trip to Pampanga. G. Cornelius **649**, 285.
Songs, Naval
See also: Traditions, Customs, and Sea Terms.
Grog **385**, 378, 380. **417**, 1588.
"My Ship" **386**, 572.
Naval Academy **392**, 1483. **518**, 1.
Sonobuoys Detecting Enemy (Nbk) **796**, 155.
Sonoma (USS) **341**, 878.
Sonoptography Uses Sound Waves for 3-D Images (Nbk) **779**, 152.
Sonoscope **219**, 779.
Sons of Gunboats Society **509**, 825. **516**, 285.
Soong, C.J., and U.S. Coast Guard. A. Tourtellot **552**, 201.
Soper, J.B. **769**, 109. **773**, 106. **774**, 108. **776**, 111. **777**, 102. **778**, 111.
Book Review **860**, 96.
Naval Gunfire Today and Tomorrow **763**, 52. **766**, 132, 133.
Observations: Steel Pike and Silver Lance **753**, 46.
View From FMF PAC of Logistics in the Western Pacific, 1965-1971 (NavRev) **831**, 222.
Soper, M.E.
Finding the Best Among Us **897**, 35. **901**, 26. **902**, 79.
Officers for the 1980s: A Challenge for NROTC **864**, 40. **869**, 73, 74, 75, 76.
Sorel, R.T. **703**, 110.
Lazy Atom (ProfNote) **716**, 130.
Sorg, G.A.: Highly Educated (anec) **649**, 335.
Soroka: New Russian Harbors, Soroka and Kola **163**, 942.
Sothan, N.L.: For Want of a Shackle (anec) **646**, 1315.
Sothern. W.T. Cluverius **373**, 345.
Sotos, G.P. **685**, 109.
Future for the Destroyer (Ruhe) (C&D) **827**, 86.
Soucek Broke the Record. M. Gleason **662**, 33.
Soukup, J.C.: Give Us the Ships! (Balunek) (C&D) **838**, 87.
Soul of Service. E.P. Jessop **217**, 351.
Sound
Aircraft Detectors **301**, 225. **305**, 611.
Case of Aerial Decibel. F. Lee **369**, 1568.
Decibels in Fog. J.L. Allen **464**, 1445.
Distance at which sound of gun firing has been heard **161**, 269.
Guidance of Waves **258**, 1327.
Navy Studying Marine "Noise" (Nbk) **724**, 154.
A Noise Annoys. R.L. Dennison **377**, 903. **411**, 707.
Personal error in estimating the direction of sound. S. Schroeder **115**, 603.
Phenomena connected with gunfire. G.L. Schuyler **217**, 345.
Sound: A POW's Weapon (ProfNote). E. Alvarez, Jr. **882**, 91.
Ultra Waves **291**, 606.
Under Water Apparatus **290**, 464.
Sounding Appliances: Tanner-Blish Sounding Tube **101**, 83.
Sounding Machine
Ground Glass Tubes for Use with. J.B. Blish **84**, 747.
of USS Ranger **48**, 131.
Soundings
See also: Oceanography.
Acoustical Method **214**, 2032.
Acoustical Methods of Depth Finding H.H. Hill **301**, 212.
Deepest **323**, 76.
Denver (U.S.) **244**, 1041.
Echos **203**, 127. **336**, 260. **342**, 1111.
Hannibal (U.S.) **242**, 701. **253**, 490.
Instruments: See: Instruments.
Physical characteristics of the ocean depths. G.W. Littlehales **191**, 45.
Navy and Dead Sea. J.C. Thom **283**, 1689.
Navy Ocean Study Aided by Science **264**, 336.
Pacific **248**, 1750.
USS Stewart **237**, 1984. **239**, 111.
Upper Air **336**, 241.
Venezuelan Coast **263**, 148.
Sound Recording Has Gone to War. G.W. Dyson **512**, 1203.
South Africa
Apartheid: Shadow Over South Africa. J.A. Rondeau **883**, 18. **886**, 86. **887**, 89. **888**, 74.
Continuing Strategic Importance of Simonstown. D.C. Watt **800**, 50. **805**, 100.
Merchant Marine: Sea Trials for South Africa. I.C. Little **838**, 78.
Navy
Britain's Junior Navies. D. Cowie **451**, 1291.
Britannia Has a Family. D. Cowie **460**, 842.
Guardian of the Ocean Crossroads (C&D) **887**, 89.
Sea Trials for South Africa. I.C. Little **838**, 78.
South African Navy Drops Color Bar (Nbk) **749**, 152.
South Africa Gets Missiles (Nbk) **798**, 157.
South Africa Is Becoming Self-Sufficient in Arms (Nbk) **838**, 117.
The South African Navy: Guardian of the Ocean Crossroads (ProfNote). N.L. Dodd **883**, 94.
South Africa To Get French Submarines (Nbk) **812**, 103.
South America
English Princes Visit **337**, 415.
Historical Articles Series **457**, 453.
Historical Maps **457**, 314, 317, 320, 325.
Recognition of Revolutionary Governments **336**, 274.
South American Alsace-Lorraine. J.M. Creighton **229**, 377.
The War in South America. J.F. Meigs **10**, 461.
We Are All Americans. R.J. Toner **683**, 23.
World War Analogies Fifty Years Before. A.T. Beauregard **294**, 862.
Southampton (HMS): Illustration **145**, 374.
Southard, Samuel L.: Naval Administration Under the Navy Commissioners, 1815-1842 (Ports.). C.O. Paullin **122**, 597.
South Atlantic--Diplomatic Campaign. F. Pratt **544**, 691.
South Carolina (USS) **277**, 464.
1812: See: Farenholt, A. **128**, 1279.
Correction **425**, 1083.
Description **119**, 1141.
Launched; description **127**, 1066.
Ships of the U.S. Navy. R.W. Neeser **161**, 147.
South Dakota (U.S.): See: Cover Pictures--February 1963.
Southeast Asia
Air War in (C&D) **833**, 100.
Don't Envy the Enemy. A.J. Clapp **765**, 49. **768**, 113, 114.
East of Suez. J. Stewart **757**, 40.
Professionalism in the Royal Thai Army. T.A. Marks **839**, 46.
South East Asia Treaty Organization
See also: Alliances: The Ties That Bind.
Is SEATO Obsolete? R.J. Miller **789**, 56.
Southerland, J.J.: One of Many Personal Adventures in Solomons **482**, 539.
Southerland, R.T., Jr.: Admiral Makarov: Attack! Attack! Attack! (C&D) **762**, 121.
South Korea Seeks F-4s (Nbk) **799**, 158.
South of Thirty. J.D. Chase **770**, 30. **777**, 103.
South Seas Eclipse Expedition. C.H.J. Keppler **338**, 461.
South Vietnam
Advisory Warfare vs. Sanctuary Warfare. E.F. Black **744**, 34. **747**, 114.
Operation Deep Channel. J.M. Howard, III: **822**, 39.
South Vietnamese Navy. R.P.W. Murphy and E.F. Black **731**, 52.
Southwest Passage? H.H. Gibbs **794**, 64. **799**, 118. **800**, 104, 105.
Southwest Passage: Strategic Mobility: Impetus for a Southwest Passage. J.W. Dindinger **878**, 33. **881**, 82. **883**, 82.
Southwold Bay, Battle of. See: Frost, H.H. **158**, 1053.
Southworth, J.V.D., Jr. **699**, 171. **684**, 96. **690**, 160.
Brevity Is the Soul of Wit (anec) **669**, 61.
Yankee Device **674**, 97. **680**, 101.
Sovereignty
Regimen of the Seas. J.H. Guill **658**, 1308.
Sovereignty in Russian Arctic: Soviet Strategic Interest in the Maritime Arctic (NavRev). G.E. Synhorst **843**, 88.
Soviet: See also: Russia.
Soviet-American Relations: Intervention in Russia (1918-1919). Sumner Shapiro **842**, 52.
Soviet Antisubmarine Weapons: Soviet ASW (ProfNote). J.C. Bussert **834**, 112.
Soviet Baltic Fleet: A Baltic Squadron for NATO? E. Wegener **851**, 63. **856**, 99.
Soviet Black Sea Fleet (ProfNote). R.W. Wells **775**, 136.
Soviet Canals. V.P. Petrov **773**, 32. **776**, 111. **778**, 114. **785**, 102.
Soviet Carrier May Get V/STOL (Nbk) **801**, 158.
Soviet Carrier On the Horizon? T.G. Martin **814**, 46.
Soviet Carrier Strategy. J.T. Funkhouser **850**, 27. **856**, 103.
Soviet Central Naval Museum (ProfNote). E.C. Fisher, Jr. **767**, 128.
Soviet Character Study (ProfNote). J.A. Fahey **776**, 136.
Soviet Diplomacy from Stalin to Suez. J.E. McSherry **658**, 1298.
Soviet Fishing Fleets
Designed to Sweep the Seas (Pict) **813**, 58.
New England Fishermen--Imperiled Species. W.T. Rogerson, Jr. **850**, 44.
Soviet Fishing Vessel, New Type (Nbk) **801**, 160.
Soviet Fleet Organization and Officer Structure: Soviet Naval High Command (NavRev). J. Erickson **843**, 66.
Soviet Fleet Units at Record High (Nbk) **801**, 157.
Soviet Forces Strengthened in Northern Peninsula Area (Nbk) **835**, 115.
Soviet Foreign Policy: The Fishing Fleet and Soviet Strategy. R.T. Ackley **869**, 30.
Soviet Global Strategy: The Great Challenge to the West at Sea. Wolfgang Höpker **874**, 24.
Soviet Influence Felt on Wide Front in Oil World (Nbk) **809**, 127.
Soviet Invasion of Czechoslovakia: Tanks

of August 1968. W. Kotsch **795**, 86. **800**, 103.
Soviet Logistics in the Arctic. B.M. Kassell **672**, 88.
Soviet Man in the Sea (C&D) **797**, 113.
Soviet Marines
Pritchard, C.G. **829**, 18. **834**, 90. C&D: **842**, 87.
Soviet Maritime Expansion
Bear That Swims Like a Fish. K. Tolley **820**, 41. **830**, 98.
Soviet Seapower, Ripple or Tidal Wave. J.F. McNulty **809**, 18.
Soviet Maritime Leadership: Navies in War and in Peace (Part 1): S.G. Gorshkov **851**, 18. **854**, 98. **856**, 94, 96, 97, 98. **859**, 87.
Soviet Maritime Threat. V.R. Carlson **771**, 38. **774**, 108. **776**, 110.
Soviet Mediterranean Fleet: View From the Bridge of the Sixth Fleet Flagship. I.C. Kidd, Jr. **828**, 18. **830**, 91. **837**, 97.
Soviet Merchant Fleet
Ackley, R.T. **876**, 27.
Ranks Fifth in World (Nbk) **841**, 126.
Soviet Merchant Marine. A.C. Sutton **803**, 34.
Soviet Military Buildup Concerns NATO Admiral (Nbk) **811**, 99.
Soviet Military Command, New (Nbk) **805**, 130.
Soviet Military/ Naval Schools, Profile of (ProfNote). J.A. Fahey **798**, 134.
Soviet Military Threat: "Sancho! My Armor! My Sword!" S. Allen **896**, 18.
Soviet Naval Air Force (ProfNote). N. Polmar **889**, 96. **892**, 84.
Soviet Naval Exercise: Okean-75 (ProfNote). B.W. Watson and M.A. Walton **881**, 93.
Soviet Naval Expansion: Where is the Western Navy? The World Wonders. Hans Garde **866**, 18. **870**, 84. **875**, 77.
Soviet Naval High Command (NavRev). John Erickson **843**, 66.
Soviet Naval Maneuvers Summarized (Nbk) **813**, 101.
Soviet Naval Officers: Line, Staff, and Fleet Commanders **819**, 289.
Soviet Naval Strategy: Seapower and Soviet Foreign Policy. D.R. Cox **796**, 32. **803**, 96.
Soviet Naval Threat **821**, 92.
Soviet Navy and Naval Air Force Strength Discussed (Nbk) **808**, 129.
Soviet Navy Builds Up Forces Throughout North Atlantic (Nbk) **829**, 123.
Soviet Navy Commander Boasts of a Worldwide Striking Force (Nbk) **836**, 117.
Soviet Navy, Founding of: Navies in War and in Peace (Part 5). S.G. Gorshkov **855**, 220
Soviet Navy in 1976 (NavRev). W.H.J. Manthorpe, Jr. **891**, 202.
Soviet Navy in the Gulf of Mexico and Caribbean Sea **819**, 275.
Soviet Navy in the Mediterranean. F.M. Murphy **769**, 38.
Soviet Navy Is Building an Aircraft Carrier, Zumwalt Says (Nbk) **837**, 119.
Soviet Navy More Aggressive on the Sea (Nbk) **791**, 147.
Soviet Navy Reconstruction, 1921-1928: Navies in War and in Peace (Part 5). S.G. Gorshkov **855**, 220.
Soviet Navy, U.S. Keeps Mediterranean Watch on (Nbk) **793**, 156.
Soviet Navy Warships Patrol Off African State of Guinea (Nbk) **830**, 123.
Soviet Navy's Mediterranean Fleet Is At High Strength (Nbk) **808**, 133.
Soviet Pacific Fleet Role To Increase After Vietnam (Nbk) **805**, 127.
Soviet Policy in the Baltic. H.G. Morgan, Jr. **686**, 83.
Soviet Politics, The Military Pulse in. P.R. Schratz **776**, 76. **780**, 108.
Soviet Republic: See: Russia.
Soviet Satellites
See also: Polish Road to Socialism. J. Gellner.
Spiritual Forces and Revolution in Eastern Europe. J. Gellner **659**, 45.
Soviets Building Naval Base in Iraq (Nbk) **845**, 119.
Soviets Censure U.S. Seamen For Behavior In Mediterranean (Nbk) **830**, 123.
Soviet Scientists Interested in Sealab (Nbk) **793**, 160.
Soviet Sea Maneuvers Test Preparedness in Both Ocean (Nbk) **810**, 133.
Soviet Seapower Rivals U.S. (Nbk) **812**, 101.
Soviet's First Carrier Kiev Reported Launched (Nbk) **845**, 122.
Soviets Plan for Merchant Fleet (Nbk) **798**, 159.
Soviets Said to be Building Second Aircraft Carrier Moskva (Nbk) **844**, 113.
Soviets Seek Treaty On Access to U.S. Ports (Nbk) **804**, 122.
Soviet Shipbuilding and Shipyards (NavRev). Norman Polmar **831**, 272.
Soviet Ship, Enters U.S. Port (Nbk) **801**, 160.
Soviet Ship, New Classes Explained (Nbk) **805**, 124.
Soviet Strategic Interest in the Maritime Arctic (NavRev). G.E. Synhorst **843**, 88.
Soviet Submarine, Shakedown for (Nbk) **801**, 158.
Soviet Submarine Force (Pict). R.D. Wells **822**, 63. **826**, 91.
Soviet Submarine Threat--Past, Present, and Future. T.T. Holme, Jr. **822**, 60.
Soviet Surface Combatants (Pict). R.D. Wells **797**, 87. **801**, 120, 121, 122.
Soviet Trade Delegation to London **293**, 817.
Soviet Union and the Arctic. O.P. Araldsen **772**, 48. **775**, 115.
Soviet Union Building Second Atomic Icebreaker (Nbk) **827**, 111.
Soviet Union's Far-Flung Nets. R. Oetting **813**, 48. **824**, 97.
Soviet Universal Military Service. G. Grkovic **794**, 54.
Soviet Warships: Warship Design: Ours and Theirs. J.W. Kehoe, Jr. **870**, 56. **874**, 73, 74.
Sowers, R. **298**, 1316.
Space
Admiral Decries Space Emphasis (Nbk) **763**, 155.
Another New Age (ProfNote). P.E. Beck **845**, 114.
Astronautics--A Seminar (ProfNote). G.D. Zally **711**, 149.
Australia Will Get U.S. Space Center (Nbk) **728**, 167.
Challenge of the Vertical Frontier. C.C. Shaw **662**, 48.
Communist in the Cosmos (ProfNote). C.P. Lemieux **705**, 135.
Craft to Take Lunar Photos (Nbk) **729**, 151.
Defense Backs Research for Piloted Spaceplane (Nbk) **722**, 161.
The First Ten Years (Nbk) **785**, 147.
Interplanetary Navigation. R.B. Robinson **699**, 64.
Law and Outer Space. H.F. Kloman **706**, 44.
Lunik III (ProfNote). C.P. Lemieux **683**, 147.
Manned Moon Circuit Predicted (Nbk) **729**, 151.
Moon Shots to Test Surface (Nbk) **724**, 168.
Naval Strategy in Outer Space. S.M. Beresford **697**, 33.
Navy in the Space Age
ProfNote: F.G. Marshall **687**, 132.
Space Surveillance. F.P. Morrison **696**, 42.
Styer, C.W., Jr. and R.F. Freitag **685**, 86.
Navy's Future Role in Space. M.W. Cagle **719**, 87.
New Aids to Help on Lunar Voyage (Nbk) **730**, 159.
Optical Masers for Space Navigation (ProfNote). G.M. Cunningham **716**, 136.
Satellite Tracking Methods Revamped (Nbk) **722**, 161.
Space Communications
Air Force Tests New ECM Warhead (Nbk) **769**, 144.
Satellite Communications in the Navy (ProfNote). M.D. Van Orden **771**, 142.
Space Flight
Apollo Flights Dropped (Nbk) **731**, 139.
Pilot Control Vital in Orbit Flights (Nbk) **731**, 140.
Space Aides Tell of Soviet Failure (Nbk) **737**, 155.
Space Law: Treaty on Outer Space (ProfNote). L.H. Passmore **777**, 131. C&D: **783**, 109.
Space Navigation (ProfNote). P.V.H. Weems **683**, 148. **717**, 85.
Space Oceanography, the Logical Paradox. D. Walsh **792**, 42.
Space Power: Look Up! (ProfNote). P.E. Beck **836**, 107.
Space Program: Astronaut Corps, Above and Beyond. R.P. Wiggers, Jr. **836**, 46.
Space Research
Aerospace Research Pilot School (ProfNote). W.S. Smith **734**, 132.
Vanguard, First Apollo Ship Due (Nbk) **753**, 165.
Space Shuttle Program--A Proposed Navy Role (ProfNote). P.E. Beck **822**, 103.
Space Shuttle System Program: U.S. Navy: Where Are You? (ProfNote). P.E. Beck **818**, 101.
Space Surveillance System, U.S. Naval (ProfNote). D.L. Jones and E.A. Tessier, Jr. **773**, 142.
Twin U.S. Mars Shots (Nbk) **727**, 144.
Underwater Spaceships (ProfNote). D. Cox **698**, 130.
Spacecraft Research: GT-7 Crew wants 'Shirtsleeve' Flight (Nbk) **752**, 164.
"Spads": See: A.D. McFall. Farewell to "Spads".
Spagnola, J.A. **555**, 590.
Spaight, J.M.: Crimea and Korea **605**, 753. **609**, 1251.
Spain
Air Force **337**, 418. **356**, 1538.
Building Supertankers (Nbk) **804**, 121.
Catalonia: Autonomy **353**, 1057.
Civil War Aviation **411**, 743.
Civil War, Chaotic Spain: An Estimate of. L.F. Safford **424**, 859. **427**, 1345.
Civil War, Naval Side of Spanish, 1936-39. W.H. Davis **448**, 803.
Civil War: Some Lessons of the Spanish. V. Usera **437**, 969.
De Rivera, P. **325**, 254. **327**, 462, 472.
Domestic Affairs **249**, 1948. **285**, 2397. **313**, 255. **319**, 827. **349**, 449. **356**, 1510.
Future of Our "Alliance" With Spain. A.J. Cottrell **682**, 60.

Spain (Cont.)
Gibraltan: See: Gibraltan.
Government 326, 357. 336, 276. 338, 558. 340, 843. 342, 1130. 343, 1283. 344, 1429. 347, 143. 348, 309.
Merchant Marine 342, 1110. 350, 623.
No Military Weakling. W.J. Freitas 570, 847.
Religious Trouble 341, 988. 342, 1130. 346, 1731.
Spain and the Defense of NATO (Nav-Rev). R.A. Komorowski 879, 190.
Spain, Brazil Acquire U.S. Ships (Nbk) 764, 165.
Spanish Contract Denied to Britain (Nbk) 740, 153.
Spanish Shipbuilding (Nbk) 764, 165.
Tragi-Comedy of Corcubion. H.P. Martin 473, 982.
U.S. Spanish Base Rights Agreement and the Atlantic Alliance (C&D) 792, 102.
U.S. to Help Spain With Joint Naval Construction Program (Nbk) 745, 144.
Vessels Building
1902: 104, 978.
1903: 106, 489. 107, 760. 108, 975.
1904: 110, 274, 451. 111, 654. 112, 874.
1905: 113, 233.
1910: 136, 1174.
1911: 137, 307. 138, 649. 139, 1070. 140, 1445.
1912: 141, 336. 142, 776.
1914: 151, 861. 152, 1208.
1915: 159, 1647.
1916: 161, 240.
1917: 168, 380.
Zamora, N.: Elected President 348, 309.
Spain--Navy
Construction 229, 504. 233, 1249. 285, 2353. 301, 238. 328, 548. 337, 403.
Isaac Peral and His Submarine. C.H. Hilton 645, 1194.
Naval History: Study of Naval Strategy. R. Daveluy 131, 903. 132, 1057. 133, 126. 134, 393.
Notes 225, 1844. 284, 2109. 287, 99. 297, 1127. 345, 1574.
NavShips Aids Spanish Shipbuilding (Nbk) 769, 146.
Program 290, 478. 306, 692.
1902: 101, 127.
1903: 106, 489.
1909: 128, 1336. 129, 299. 130, 592.
1910: 135, 888.
1913: 145, 390. 147, 1353.
Ship Technology and Defeat of Armada. C.M. Robinett 588, 171.
Spain Branches Out (Nbk) 758, 178.
Spanish Naval Academy. J. Buchalter 655, 971.
Spanish Naval War College (ProfNote). S.L. Guille 793, 132.
Spanish Navy in 1913: 149, 237. 1918: 186, 1858.
Spanish Navy Today (ProfNote). R.L. Barrett 780, 131.
Spalato, Dalmatia. R.S. Field 267, 775.
Spandau, J.J. 717, 114.
Spangenberg, Walt: Of Hosenoses, Stoofs, and Lefthanded Spads (C&D) 788, 109.
Spangler, S.B.: Sundowner Par Excellence (Clark) (C&D) 825, 85.
Spanish-American War 90, 421.
See also: Names of battles; History; U.S. Naval History, subhead Spanish War.
Cervera's Fleet: Enemies. E.S. Kellogg 415, 1239.
Collier Merrimac. F.J. Buenzle 452, 1447.
Corregidor in 1898. J.M. Ellicott 471, 639.
Deployment of U.S. Navy 441, 1631.
Duel, Abortive, on Hicacal Point. D.W. Knox 547, 1081.
Guantanamo Bay, How Navy Won. H.P. McNeal 604, 615.
Lessons of the 90, 417.
Leyden (U.S.) and Talbot (Br.): It's a Small World. W.S. Crosley 393, 1643.
Maine, We Remembered. E. Murphy and S.M. Hawkins 491, 55.
Marines at Playa del Este. C.C. Hanks 465, 1591.
Naval Academy in Five Wars. L.H. Bolander 505, 279. Reprint: 518, 35.
Navies in War and in Peace (Part 3). S.G. Gorshkov 853, 50.
"Old Half-Seas Under" (Katahdin). D. Potter 467, 57.
Pictorial Section 543, 557.
Protection of Flag. J.M. Ellicott 508, 701.
Remembering Maine. W.S. Meriwether 543, 549.
USS Oregon: Pathfinder 551, 101. 553, 355.
Foss, W.O. 546, 951.
Sketches from the. Commander Jacobsen 89, 11. 90, 383.
Under Gallant Captain at Manila in '98. J.M. Ellicott 479, 33.
When T.R. Streamlined Officers. L.W. Johnson 598, 1310. 602, 439.
Spanish Armada: Ship Technology and Defeat of Armada. C.M. Robinett 588, 171.
Spanish Brig-of-War Palmyra 323, 49.
Spanish Embassy: Quoted 327, 472.
Spanish Naval Prisoners of War at Annapolis. P.H. Magruder 328, 489.
Spanish Shipbuilding Industry Is Third Largest in World (Nbk) 842, 118.
Spangler, W.E.: Prinz Eugen, Little Brother of Bismarck 524, 1319.
Sparbanie, A.P., Sr.
Maintaining the Service Reputation (anec) 686, 81.
Not on His Menu (anec) 702, 74.
Spare Parts Program 556, 673.
Sparkman, D.H.: Yachtsmen and Navy 426, 1105. 432, 251.
Spark Plug Problems. H. Rabezzana 315, 456.
Sparks, A.: American Merchant Marine 279, 1002.
Sparks, B.: Use of Mid-Time in Aerial Celestial Navigation 439, 1298.
Sparrow, H.G.
The Moon in Navigation 177, 2553.
On Marvell's "Development of method of finding line of position 145, 227.
Position Lines and Current 170, 751.
Territorial Waters 162, 447.
Spartiate (HMS)
Coal Consumption Record 106, 509. 107, 752.
Trials 103, 642.
Spar Torpedoes
See also: D.W. Mitchell. Admiral Makarov: Attack! Attack! Attack!
Russian Mines on the Danube. A.P. Brainard 749, 51. 754, 118. 765, 129.
Spaulding, E.J.: Seabees 478, 1724.
Spaulding, K.P., Jr.: Fiber Glass for Boats of the U.S. Navy (ProfNote). 793, 141.
Spaulding, M.M.: Early Salvage Work on USS S-51: 397, 329.
Speare, Lawrence: Submarine Boats, Past, Present and Future 104, 1000.
Speaker, The Naval (ProfNote). D. Walsh 780, 129. 785, 96.
Speaking, Public: See: Public Speaking.
Spear, L.Y. 320, 925.
Spearfish (U.S.): Thirteen Women in Submarine. T.C. Parker 569, 717.
Spears, W.O. 408, 247.
Naval Co-operation with Our Merchant Marine 389, 957.
Specialists 372, 266. 377, 1036.
Naval Communicator--Specialist or Subspecial J.R. Wadleigh 751, 72. 754, 114. 757. 120.
Specialists, Temporary vs. Permanent Detail of. R.E. Bassler 238, 2101.
Specialization
Naval Warfare Specialists. R.A. Bowling 810, 52.
Officer, and Post-War Navy. M. Kniskern 522, 1035. 525, 1467. 528, 204.
Technical/Scientific: NROTC: Quo Vadis? E.N. Bouffard 893, 33. 896, 68. 897, 82, 83. 898, 79.
Special Trust and Confidence. R.D. Heinl, Jr. 639, 463.
Speculum: Description 186, 1806.
Spee, G. von 377, 939. 387, 706.
Speechmaking: See: Public Speaking.
Speeches: Naval Officer as Public Speaker. G.E. Brandt 279, 912.
Speed Control in Modern Steamers. M.L. Wood 77, 61. Disc: 78, 481. 79, 655.
Speed (High) in War Vessels 95, 562.
Speed Indicators
See also: Instruments; Logs.
Hogg's 20, 322.
A New Speed Indicator. W.S. Hogg 17, 336.
Speed of Aircraft: See: Aeronautics.
Speed of Light, Measurement of
Foucault's Method 796, 76.
Michelson's Method 796, 78.
Speed of Ships 357, 1673.
Atlantic Crossing 328, 552. 353, 1083.
Capital Ship 296, 1124.
Effect of Order to Increase Speed. H.F.D. Davis 340, 757.
Effect of Shallow Water 227, 139.
High Speeds at Sea 261, 1896.
How Speed Governs Mediterranean Strategy. J.B. Gautrean 314, 331.
Motor Boat 341, 978.
Retardation of Ship's Speed in Turning. W.K. Mendenhall 271, 1719.
Shallow Water 353, 1083.
Speed of Battleships. F.G. Percival 314, 273. 318, 714, 730. 320, 893. 321, 977. 328, 537.
Speed of Cruisers. C. Rougeron (Tr. by R.T. Hanson) 344, 1331. 345, 1557.
Straw That Breaks Camel's Back. V.H. Godfrey 341, 944.
Value of Speed. H. Russell 318, 730.
Verdun (FN): Record 321, 993.
Speed of Vessels, The Effect of Alteration of Propellers upon the. J.J. O'Neil 66, 191.
Speed Records
SS American Charger Set North Atlantic Speed Record (Nbk) 728, 165.
Cargo Race Ends (Nbk) 729, 133.
'Copter Mark Set (Nbk) 728, 168.
Transport News: Ship Speed Mark (Nbk) 728, 165.
Speed Trials of Fast Ships. R. Wainwright (Rev) 54, 437.
Speedy (Gt.Br.) 864, 65.
Speer, R.T.
Career Planning: Myth or Reality? 742, 69.
Let Pass Safely the Awa Maru 854, 69. 857, 88. 861, 94.
Speer, W.A.
and J.B. Kusewitt: Military Pilot Training--Time for Improvement 829, 31.
Co-author: See: J.B. Kusewitt.
Speers, M.F.: ASW and the Modern Submarine (Wright) (C&D) 846, 93.
Speers, W.F.
The 1100: He Flies Not; Neither Does He Sink (Nelson) (C&D) 836, 91.
Retention: The High Cost of Leaving

(Fredland) (C&D) **811**, 93.
The 1200-Pounders: Further Prescriptions (Steward) (C&D) **870**, 84.
Spence, R.T.: Letter of Tripolitan War, 1804: **242**, 625.
Spencer, E.R., Jr.: Coast Guard in Army **518**, 569.
Spencer, H.R.: When Do We Go Home For a Re-Fit? (anec) **538**, 1501.
Spencer, I.D.: U.S. Naval Air Bases from 1914 to 1939: **561**, 1243.
Spencer, J.C.: Squib Versus Minnesota (OldNav) **687**, 154.
Spencer, P. **273**, 2062.
Execution of Midshipman P. Spencer aboard USS Somers. C.O. Paullin In Naval Administration, 1842-1861: **124**, 1476.
Spenser, J.C. **586**. 1338.
Sperling, D.J.: Survival of the Fittest: Five Years Later (Turkington) (C&D) **890**, 86.
Sperry, C.S.
Submarine Mines in Relation to War. G.S. Clarke (Rev) **55**, 599.
Target Practice at the Naval Academy **55**, 583. **58**, 321.
To Determine, etc., the Effect upon the Longitude of a Change in the Latitude... **14**, 392.
Sperry, E.A.
Aerial Navigation Over Water (illus) **171**, 1042.
Diesel Engine for Airplanes **301**, 228.
Sperry Gyro-Compass: See: Yankee Device.
Sperry Gyroscope Co. Frontispieces: See: Claudus Naval Actions.
Sperry Gyroscopic Compass: See: Compass.
Sperry Gyroscopic Stabilizers **331**, 862. **336**, 259. **338**, 541. **339**, 688. **343**, 1262. **344**, 1418. **362**, 613. **383**, 83.
Spherant, The. H.B. Kaster **329**, 607, 644. **330**, 750. **334**, 1129.
Spinx: See: Stonewall.
Spicer, W.F.
See also: Ship Models.
On the sabre and bayonet **121**, 379.
Spicer-Simson, G. **367**, 1337.
Spies and Espionage **203**, 140. **219**, 785. **266**, 618. **333**, 1056. **339**, 705. **342**, 342. **344**, 1414. **352**, 921.
Bergen Spy Case **174**, 1901.
German Spies on the Great Lakes **174**, 1902.
How Spies Operate **174**, 1910.
Seven Spies Sentenced in Austria (March, 1914): **151**, 827.
Spies and Wireless (1917): **176**, 2324.
Spiess, F.N. (BkRev) **799**, 123.
Spigai, Virgilio
Italian Naval Assault Craft in Two World Wars **745**, 50. **753**, 116, 117, 118.
Joint author: See: L.D. de la Penne.
Spilhaus, Athelstan: Oceanography's Future **729**, 25.
Spilman, C.H.
German Submarine War **532**, 683. **535**, 1107. **539**, 83. **544**, 763.
Three Years of Warfare at Sea **478**, 1704.
Spina, P.M.: For the Reserves: A Workable System (Boschen) (C&D) **824**, 97.
Spindler, Admiral: Value of Submarine in Naval Warfare **279**, 835.
Spindola (Latvian) **286**, 2565.
Spirit That Wins. H. Sanders **405**, 1567.
Spirtual Value of Discipline. W.W. Childs **323**, 52.
Spit and Polish: "Tin Soldier" Is a Good Soldier (C&D) **828**, 94. **832**, 104.
Spitzbergen: Occupied by British, 1918: **190**, 2814.
"Splice the Main Brace." R.E. Bassler **417**, 1588.
Splicing Main Brace **310**, 1116. **311**, 11.
Splitting the List in the Royal Navy (ProfNote). P.W. Gretton **631**, 1061.
Sports: See: Athletics and Amusements.
Spotters, Training Naval **234**, 1445.
Spotting
See also: Rangefinders and Rangefinding; Target Practice; Fire Control.
A Curious Fact About Spotting. B.A. Fiske **128**, 1297.
Estimating Distances. W.H. Beehler **110**, 405.
Sight Bar Range **129**, 113.
Spotting and Rangefinding **126**, 655.
Spotting Board, Constructing a. L.R. Lampman **465**, 1601.
Spradling, D.S.
The Water Plate Coverup (anec) **876**, 106.
Where Else? (anec) **868**, 39.
Sprague, C.A.: Whatever Happened to the Battleship Oregon? (Alden) (C&D) **791**, 100.
Sprague, C.A.F. **346**, 1734.
Sprague, F.J. **301**, 249. **335**, 105.
Electric Motors **42**, 427.
Sprague, T.L.: Your Men and You (open letter) **536**, 1237.
Sprince, R.H.: From Admiral to Midshipman **645**, 1188.
Spring, A.F. **636**, 201.
Mobile Naval Support for Total War **630**, 907. **634**, 1383.
Spring, J.M.: Petty Officers--Old and New **572**, 1104.
Springe, R.J.: Low Tide (anec) **638**, 367.
Springfield Rifle: Description of 1902 model **101**, 58. **107**, 770.
Sproule, J.S.: Up, Up, and Away... Backwards **833**, 56.
Sproule, R.H.: Prestige and the Naval Family (C&D) **749**, 107.
Sprout, Harold **636**, 212.
Spruance, R.A.
Battle of the Philippine Sea. T.B. Buell **857**, 64. **861**, 102. **862**, 77.
Command Personality. E.B. Potter **791**, 18. **796**, 98, 99.
Foreword for Midway **628**, 658.
USS Spruance (DD-963) (Pictorial) **876**, 61. **880**, 80. **886**, 90.
Squalo (RIN) **328**, 549.
Squantum Victory Plant. R.R. Belknap **216**, 177.
Squaring Tilt. L. Wainwright **282**, 1547.
Squib (CSS): See: J.C. Spencer.
Squier, G.O.
The Influence of Submarine Cables upon Military and Naval Supremacy **96**, 599.
The Magnetic Qualities of Gun Steel **72**, 825.
SS-3 (Jap. airship: Exercise **255**, 823.
Staar, R.F.
Book Review **749**, 116.
East European Alliance System **739**, 26.
Stability
Curves of Stability. C.M. Chester **24**, 257.
Dynamic Stabilization of Ships. E.W. Wunch, Jr. **383**, 81. **395**, 98.
Extraordinary Roll. M.M.S. Rodrigues **579**, 499. **581**, 763. **582**, 882. **586**, 1338. **588**, 199. **594**, 905.
Flamm Submarine **254**, 640.
Gyroscope **223**, 1473. **225**, 1806. **232**, 1058. **234**, 1397. **249**, 1891.
Gyroscopic Stabilization. C.H. McMorris **362**, 613. **363**, 779.
Method of Calculating Stability of Ships. D.W. Taylor **58**, 157.
Naval Architecture
Sea-keeping qualities of ships **233**, 1186.
Stability of Ships **274**, 2396.
Non-rolling Liners **204**, 287.
Rolling of Ships **347**, 114.
Roll Stabilization and Steering (ProfNote). J.A. Dare **658**, 1373.
Ship Stabilization. F.E. Haeberle **247**, 1450.
Sperry Stabilizers **336**, 259.
Stability and the Strategic Balance. J.I. Coffey **772**, 40.
Stability of Unarmored Ships, Effect of Water-line Damage upon. C. Hemje **59**, 447.
Standards **274**, 2396.
Thyratron Tubes **354**, 1230.
Why They Roll. M.E. Serat **345**, 1488. **347**, 107.
Stabilization Systems: Laser Gyroscope (ProfNote). J.S. Baker **744**, 145.
Stabilizers
Anti-rolling Tanks **138**, 669.
Frahm Anti-rolling Tanks (1913): **146**, 886.
Gyroscopic Ship Stabilizers **165**, 1672.
Pitchingless and Waveless Ships **150**, 617.
Stacey, C.P. **613**, 334. **625**, 341.
Stack, L. **264**, 344.
Stackpole, E.A. **665**, 112. **689**, 103.
Book Review **761**, 132.
Stadimeters
See also: Fire Control.
Notes on the errors of stadimeters. G.L. Schuyler **130**, 553.
The Stadimeter in Fire Control. B.A. Fiske **116**, 973.
Stadium: See: Naval Academy.
Staerkodder: See: Stonewall.
Staff
See also: Administration and Organization.
Memorandum on General Staff for U.S. Navy. H.C. Taylor **95**, 441.
Staff Duty: Letters on Staff Duty. H.H. Frost **198**, 1305.
Stafford, Mrs. Edward **680**, 115.
Stafford, E.P.: Peary and the North Pole: Not the Shadow of a Doubt **826**, 44.
Stafford, Peary **722**, 130.
Staffs--Military and Naval
"The Brass". R. Hargreaves **856**, 63.
One Staff Too Many? (C&D). J.O. Johnson **735**, 114.
Staging Is No Holiday Frolic. J.L. Howard **554**, 395.
Stahl, A.W.: Drainage System of USS Monterey **61**, 143.
Stalin and Hitler
Part I, Pact with Moscow. K. Assmann (Tr. by R.E. Krause) **556**, 639.
Part II, Road to Stalingrad. K. Assman (Tr. by R.E. Krause) **557**, 759.
Stalingrad, Battle of **857**, 57, 58, 59, 63.
Stalzer, C.E.
Navy Air Navigation Electronics Project (ProfNote) **753**, 149.
World Trade and Military Trade-offs (C&D) **782**, 103.
Stamm, C.W.: Naval Officer's Career--Exigencies of the Service (Smith) (C&D) **836**, 100.
Stamps, D.W.: Signature Valid (anec) **808**, 115.
Stamps, Postmarks, Cachets: See: Mail.
Standardization
Better Ships for Less Money. G.H. Rock **291**, 599.
Fetish of Formulas. O. Smith **261**, 1841.
Growth of. D.P. Moon **328**, 535.
Standing One. G.K. Weber and C.W. Styer **273**, 2110.
Standley, W.H. **271**, 1471. **409**, 335. **445**, 415. **516**, 285.
Fish Story (anec) **564**, 195.
Future of Arms Limitation **404**, 1391.
Standley, W.H., and A.A. Ageton
Cold War and Cultural Exchange **718**, 79.
Dilemma of Georgi Maximilianovich Malenkov **607**, 947.

Standley, W.H., and A.A. Ageton (Cont.)
Murder, or High Strategy? **596**, 1053.
Naval Aviation, Evolution of Naval Gunfire **589**, 251.
Winston Churchill and Second Front **609**, 1219.
Stanford, Norman (joint author)
See also: Sadayoshi Nakayama; Takeo Yoshikawa.
Stanford, P.M.
Battle Fleet and World Air Power **490**, 1533.
Limited War: Problem in Maritime Defense **586**, 1311.
People's Navy: Prospects of American Sea Power **514**, 1455.
Strategic Implications of the Defensive in Air War **496**, 625.
Tactically Logical Cruiser for Modern War **478**, 1698. **481**, 409.
United Initiative: Triumph of Maritime Power **523**, 1175.
Victory: In War and Peace **470**, 481.
Work of Sir Julian Corbett in Dreadnought Era **575**, 61.
Stanford, Peter: Kaiulani, Last of the Yankee Square-riggers (Pict) **853**, 71.
Stanford University: NROTC Unit Leaves Stanford (C&D) **847**, 83.
Stang, D.P.: Walls Beneath the Sea **781**, 33. **788**, 105.
Stanley, E.D., Jr. **563**, 88.
All Hands Out for Inspection (anec) **670**, 91.
He Passed the Word (anec) **695**, 158.
One Stop for Susie **773**, 54.
Portrait of Fleet Admiral Ernest J. King (C&D) **800**, 120.
Stanley, J.K.: Size Doesn't Count (anec) **685**, 93.
Stanley, L.L.
Condition Noted (anec) **862**, 25.
To Each Her Own (anec) **868**, 39.
Stanley, W.J. **616**, 688. **624**, 213. **642**, 882. **651**, 551.
Let's Check Our Navigation **610**, 1296.
The Operators **646**, 1255.
Petty Officer **587**, 9. **593**, 792.
Ship and the Shore **635**, 1.
Stanton, E.M.: But Was It Really "Stanton's Navy?" (OldNav). E. Turnbladh **849**, 71.
Stanworth, C.S. **306**, 684.
The Battleships **323**, 36.
On the Naval Profession **123**, 1281.
Stapler, J.G.: Merchant Marine Personnel Problem **411**, 688. **415**, 1315. **420**, 257.
Stapler, J.T.G.
A More Seagoing Graduate **146**, 589.
Naval War College **354**, 1157.
Tactical Awakening **220**, 849.
Stapler, John: Gunboats (illus) **163**, 861.
Staples, S.F., and Munro, D.J.: Advanced Naval Bases **261**, 1868.
Starboard, Origin of Term **434**, 576.
Starboard and Port: Origin **311**, 14. **316**, 529.
Star Finding and Identification: See: Navigation.
Starfish (HSM) **337**, 398.
Star Identification: See: Navigation.
Staring, G.S. **708**, 116.
Mobilization of Shipping for War **603**, 495.
Stark, J.R. (joint author): See: P.B. Yeager.
Star of India To Sail Again (Nbk) **815**, 106.
Starr, D.P. **717**, 119.
How Fleeting Is Fame (anec) **721**, 81.
Starr, James, III: The Quiet Warrior: A Biography of Admiral Raymond A. Spruance (BkRev) (C&D) **864**, 79.
Starr, John: He Opened His Big Mouth and... (anec) **854**, 76.
Starrs, J.R. **579**, 538.
Stars, Identification of
See also: Altitude and Azimuth.
Identification of Stars in Cloudy Weather. A. Rust **123**, 959. **199**, 1597.
Identifying an Observed Star or Planet. G.W. Logan **104**, 917.
New star identification tables of U.S. Hydrographic Office. G.W. Littlehales **134**, 644.
Starfinding Diagram **124**, 1491.
Star Identification. H.S. Knapp **144**, 1529.
Star Shells: See: Illuminating Shells.
"Star-Spangled Banner" **392**, 1483, 1485-87. **400**, 902-4.
Original Manuscript of. P.H. Magruder **292**, 647.
Stassfurt, Germany: Potassium Deposits at Stassfurt **131**, 721.
Statecraft and War. M.F. Talbot **352**, 823.
State, Department of. B. Livingston **390**, 1089.
State Department
The Foreign Service (ProfNote). R.J. Barrett **725**, 139.
Olive Branch and Lightning Bolts. J.C. Ausland **801**, 67.
Policy Planning Council. R.G. Colbert and R.N. Ginsburgh **758**, 73.
Statendam (SS) **328**, 549.
State of the Navy: Some Civilian Thoughts on the Navy. J.C. Seymour **835**, 18.
State Rooms, Drainage, Ventilation... S. Potts **20**, 247.
States, New: Afro-Asian Ocean World. A. Harrigan **735**, 44.
State University of New York (SUNY) Maritime College: A Ship, A School and A Century of Learning (ProfNote). G.J. Nolan **862**, 102.
Stathis, D.S.: Deaf to Duty (anec) **790**, 41.
Static: See: Radio.
Static Strategy, Fatal Viris of. G.F. Eliot **684**, 23. **687**, 102.
Station Keeping. R. Willson **378**, 1105.
Stations: See: Naval Stations.
Statistical Analysis: Above Averages (ProfNote). J.K. Deuel **805**, 120.
Statistical Grading System for Ships: It's All Relative (ProfNote). W.R. Harris **832**, 122.
Statistical Methods
Aid to Inspectors (ProfNote). C. Lewis **774**, 143. **777**, 102.
Operational Readiness and Military Requirements. J.T. Cockrill **737**, 52.
Statistics of World's Navies: See: Navies.
Statue of Liberty
A Moment to Remember. M.L. Langdon **893**, 59.
Photograph **170**, 639.
Statue of Liberty being saluted by Navy's Blue Angels--January 1976 Cover.
Statues: See: Monuments and Memorials.
Status of Forces Agreements. J.H. Doyle, Jr., and H.B. Robertson, Jr. **661**, 77.
Staudt, A.R.: There's Always Way! (anec) **613**, 289.
Staunton, S.A. **279**, 1038.
Naval Reserves and the Recruiting and Training of Men **48**, 1.
Stavridis, Jim
The Surface Forces (Salzer) (C&D) **895**, 92.
Surface Warfare Officers: The Need for Professionalism (Hart) (C&D) **895**, 92.
Steadley, W.A. **688**, 111.
Steam
See also: Engineering, Engines.
Adoption of for Warships: See: Farenholt, A. **142**, 557.
Clermont and the Beginnings of Steam. J.L. Degnan, Jr. **654**, 862.
Steam Engine, The Final Improvement of. R.H. Thurston **59**, 497.
Steam Engineering: See: Marine Engineering.
Steam Launch: Motor Whaleboat No. 14232 Goes Back to Steam **707**, 168.
Steam Navy (OldNav). F.M. Bennett **848**, 132.
Steam Power: Isherwood's Masterpiece. E.W. Sloan, III: **754**, 56.
Steam Schooner Sagas. J.C. McNairn **473**, 943.
Steam, Superheated
See also: Turbines.
Superheated Steam Saves Coal **143**, 1160.
Steamers
Confederate States **341**, 870, 871, 877, 878.
England **341**, 871.
Steamship Lanes
Arctic Disaster: Maury's Motivation. A.C. Brown **779**, 78.
New Sea Lanes for San Francisco (Nbk) **788**, 158.
Steamship Lines, Tonnage of World's **84**, 752.
Steamships **298**, 1336. **304**, 504. **306**, 693. **314**, 334. **317**, 633. **320**, 902.
Armed and Submarines **328**, 547.
Atlantic Trade: New Vessels **353**, 1082.
Building, Dec. 31, 1931: **349**, 437.
China **345**, 1473.
The Comparison of Steamships. T.W. Rae **2**, 77.
England **328**, 549. **331**, 864. **342**, 1111. **343**, 1268. **344**, 1418-19. **345**, 1574, 1576. **346**, 1719. **347**, 127-28. **348**, 292. **349**, 437. **350**, 621. **352**, 933. **353**, 1082-83. **354**, 1219, 1229-30. **356**, 1530. **357**, 1680.
France **328**, 545. **330**, 758. **346**, 1718. **348**, 293. **350**, 621. **351**, 777. **352**, 933. **353**, 1082. **356**, 1530. **357**, 1680. **358**, 1836.
Germany **324**, 151. **327**, 448. **328**, 552. **343**, 1265. **349**, 438. **354**, 1235. **357**, 1685.
Hog Island Ships for Line to Europe **355**, 1380.
Italy **336**, 259. **346**, 1719. **348**, 1082. **354**, 1229. **356**, 1530.
Japan: Nippon Yusen Kaisha: Ships Cold **350**, 622.
Names and Costs **356**, 1530.
Names of Nations Building **346**, 1719.
Netherlands **328**, 549.
Pre- and Post-War Operation **353**, 1083.
Tonnage Principal Nations **347**, 126. **349**, 437.
United Fruit Company **355**, 1380. **356**, 1530.
United States **327**, 449. **328**, 552. **339**, 683. **341**, 977. **344**, 1418. **346**, 1708, 1717, 1719. **347**, 127. **348**, 292. **349**, 436. **350**, 622. **351**, 777. **352**, 933. **353**, 1082. **354**, 1228. **356**, 1530. **357**, 1680.
Use as Warships **355**, 1366.
Stebbins, John: Minesweeping/Fishing Vessel (Chatterton) (C&D) **817**, 91.
Stebbins, R.P.: Peace in Adriatic **441**, 1617.
Stecher, L.J.: Submarine Watch Officer **205**, 355.
Stedman, G.C.
Kings Point **493**, 389.
Rescue of Crew of Foundering Vessel **363**, 681.
Steed, N.L.: England's Nonco-operation in China **349**, 426.
Steedman, Charles: An Officer of the Old Navy: Rear-Admiral Charles Steedman, USN (1811-1890). A. Gleaves **145**, 197.
Steel
Alloys, or Steel **281**, 1437.
Chisel Steel of Unusual Properties

199, 1642.
Chrobaltic Alloy 203, 134.
for Heavy Guns. E.B. Dorsey 40, 2.
for Naval Purposes, Domestic. J.G. Eaton 49, 317.
for New Cruisers, American. R.D. Evans 42, 496.
Giebeler Steel 101, 141. 102, 389.
Hadfield Cast Steel 126, 729.
Hardening and Tempering 206, 634. 282, 1633.
Importance of Caribbean in Search for Iron Ore.J.B. Blackford 580, 583. 582, 881.
Improvement 296, 1128.
Inspection of Structural and Boiler Material. J.G. Eaton 47, 641.
Its Properties... A.M. Knight (Rev) 45, 445.
Magnetic Testing 219, 778.
Mild 260, 1734.
Non-corrosive 263, 138.
Vanadium 206, 634.
Vibrac 231, 843.
Zirconium 232, 1053.
Steele, G.P. 651, 552. 696, 101, 102. 697, 113. 701, 108. 706, 108. 651, 552.
Killing Nuclear Submarines 693, 45.
Nuclear Energy and Sea Power 610, 1314.
Our Vanishing Petty Officers 544, 701. 550, 1557.
Ready Power for Peace--The U.S. Seventh Fleet 875, 24.
Submarine Can Go Anywhere (anec) 556, 691.
Steele, J.M.
Chief Petty Officer Promotion System 362, 532.
Laboratory Ship for Naval Medical Research 521, 941.
Steel Traveler (U.S. SS): Port of Call. V.F.G. Jacobs 432, 172, 298.
Steel Warships, Our First (Pict) 791, 84. 795, 106. 797, 104.
Steen, Kenneth
Complete Mess (anec) 697, 97.
Over the Side (anec) 763, 59.
Steensma, R.C.
Book Review 826, 101.
Career Officer as Existential Hero (Deininger) (C&D) 824, 96.
Navy Enlisted Instructor: Anybody Can Be One (NAMB) 874, 82. 877, 116.
Nordic Balance in the 1970s (Romaneski) (C&D) 850, 90.
Officer Educational Specialist--A Proposal (Washbush and Hess) (C&D) 837, 90.
Ph.D. in Uniform (C&D) 768, 115.
Reserve Officers and Promotion (C&D) 789, 109.
Sea Power in Reserve (C&D) 775, 111.
Steere, M.L.: Nothing But Blue Skies (Leider) (C&D) 836, 87.
Steere, R.C. 592, 677.
Steering
See also: Navigation, Maneuvers.
Effect of Reversing the Screw 70, 461.
Report on Steering 37, 248.
Steering Apparatus. R.M.G. Brown 44, 271.
Steering Gear
Electric Steering Gear, 1913 (illus) 146, 883.
Hydraulic Steering Gear of the Maryland and West Virginia 169, 598.
New apparatus for controlling a ship from the bridge 163, 957.
A simple electric steering gear. B.A. Fiske 129, 263.
Steering men-of-war by electricity. W.A. Edwards (illus) 145, 75.
Steering Vessels by Electricity 156, 564.
The Van Duzer-Mason Electric. L.S. Van Duzer 66, 181.
Steeves, E.A. 700, 94.
Battle of Valcour Island (C&D) 783, 111.
Stefan, K.: President Will Never Know (anec) 591, 485.
Stefferud, D.R.
Let's Gear Training to the Job (C&D) 737, 102.
The Surface Forces (Salzer) (C&D) 890, 84.
Stehling, K.R.: Laser: The Light Fantastic 846, 42. 851, 74.
Steib, Bart: Civilianism, Civlianization, and the Military Services (Sandsberry) (C&D) 844, 95.
Steinhagen, P.W. 472, 861.
Steinhardt, J.: Role of Operations Research in Navy 519, 649.
Steinke, H.E.: Navy Builds Catamaran Rescue Ship (ProfNote) 791, 128.
Steinke Air Drop Kedge Anchor System: SADKAS: A New Concept in Salvage (ProfNote). D.A. Hurt, Jr. 783, 132.
Stell, A.L. 714, 109.
Stempel, J.D. 726, 100. 731, 104.
Stengel, B.A. (joint author): See: Hawley, J.M.
Stephan, C.R.: Trawler! 787, 60.
Stephan, J.W., Jr.
Heretical Thoughts on a Sea Control Weapons System (Sear) (C&D) 853, 93. 857, 90.
Nuremberg in Perspective (von Doenhoff) (C&D) 846, 98.
Principles of War: A Thesis for Change (C&D) 781, 108.
Soviet Canals (C&D) 776, 111.
Stephan, R.A.: Forgotten Administrative Department (ProfNote) 731, 131. 740, 101.
Stephen Decatur at New London, A Study in Strategic Frustration. D.S. Jordan 776, 60. C&D: 780, 103.
Stephen Furness (SS): Torpedoed 180, 448.
Stephen Hopkins (U.S. SS): Story of Stephen Hopkins. J. Bunker 621, 1254. 625, 333, 334. 627, 590.
Stephens, E.W.: Aerology and Hawaiian Flight 384, 209.
Stephens, M.L.: Mobile Riverine Force (Dodd) (C&D) 801, 115.
Stephens, W.P. 355, 1353.
Stepping Stones (USS): See: Sands, F.P.B.
Lieutenant R.H. Lamson 129, 137.
Stereographic Projection: See: Navigation.
Sterett (USS) 330, 715.
Sterling, F. 295, 1023.
Sternlicht, S.V.
Captain Overboard (anec) 690, 86.
Incident in Rio (OldNav) 726, 156.
Ninety-Nine Years in the Navy (OldNav) 675, 150.
Who Has the Watch? (anec) 676, 69.
Stern Tubes, Reducing Friction in. 269, 1285.
Stetson, H.T.: New Line of Position Plotter 316, 521.
Stevedores, Seagoing. E. Pinkowski 525, 1429.
Stevedoring: Combat Stevedores (ProfNote). F.S. Virden 835, 106.
Stevens, A.E., and T.A. Clift: Precommissioning--A Better Way? 795, 76.
Stevens, A.W.: Aerial photographs 330, 765.
Stevens, E.G.: Practice Makes Perfect (anec) 682, 39.
Stevens, G.B.: Marine Corps Reserve (ProfNote) 753, 140.
Stevens, H.R.: Evolution of Great Powers 587, 69.
Stevens, J.
Explosive Shell 428, 1466.
Putting the Boatswain on Report (anec) 683, 77.
Stevens, J.M.: Service Force in Action (Karcher) (C&D) 828, 102.
Stevens, L.C. 585, 1229. 587, 95. 590, 441. 592, 675. 597, 1259. 604, 686. 611, 102. 613, 344. 615, 584. 617, 816. 618, 935. 625, 342. 628, 708. 633, 1273.
Behind Flying Lines 330, 720.
Stevens, L.M.: Angle of Recruiting 313, 217.
Stevens, P.A. 357, 1689. 379, 1290.
Competitions 357, 1631.
Stevens, Paul, and S.B. Coleman: July Morning with Rebel Ram Arkansas 713, 85.
Stevens, R.S., Jr. 676, 107.
Peter Charlie--Plea for Recognition 522, 1031.
Stevens, W.E.: Combat Readiness Training (Kusewitt and Speer) (C&D) 815, 83.
Stevens, W.O. 239, 201.
See also: Vroom, G.B.
Action Between Prince of Neufchatel and the Endymion 155, 25.
Antiquity of Two Naval Academy Guns (illus) 138, 525.
Naval Officer and Civilian 225, 1725.
Two Early Proposals for Naval Education 145, 127.
Stevens Brothers: The Stevens Battery. M. Orth 760, 92.
Stevens Institute: U.S. Navy Engineering School at Stevens Institute 185, 1560.
Stevenson, Cornelius: Description of John Paul Jones' Sword (illus) 122, 711.
Stevenson, J.H.: Pay Corps Daredevil. J.M. Ellicott 474, 1072.
Stevenson, L.F. 690, 113.
Stever, E.M.: The Nimitz-class Carrier (Connolly) (C&D) 897, 78.
Steward, P.E.: The 1200-Pounders: Further Prescriptions (ProfNote) 863, 100. 870, 84.
Stewart, A.J.: Those Mysterious Midgets 862, 54. 866, 86, 87. 868, 83.
Stewart, C.: Naval Academy and Navy 316, 563.
Stewart, C.S. 256, 879.
Stewart, Charles: Saving the Big-Ship Navy (OldNav). F.C. Leiner 893, 76.
Stewart, Charles W.
Early American Visitors to Japan 116, 945.
Lion hearted Flusser: A Naval Hero of the Civil War 114, 275.
William Barker Cushing 142, 425. 143, 913.
Stewart, Donald: Carrying Coals to Newcastle (anec) 740, 71.
Stewart, G.V. 562, 1415.
Admirable Servant, Occasionally Obsequious 548, 1199.
Baccalaureate at Graduation, Naval Academy 568, 615.
Design for War--To Promote Peace 449, 941.
Followship 483, 631.
Stewart, H.B., Jr.: Oceanography and the U.S. Merchant Marine 800, 68.
Stewart, H.D.: How to Fight Guerrillas 713, 23.
Stewart, J.
Book Review 765, 139.
Officers of the Royal Navy 673, 48.
Press-Gangs of the Royal Navy 692, 81.
Stewart, J.J.: At Sea--Where We Belong (McFarlane) (C&D) 833, 103.
Stewart, James
East of Suez 757, 40.
Evolution of Naval Bases in the British Isles 653, 753.
Ghana's Navy (ProfNote) 747, 148.
Suez Operation 734, 37.
Stewart, L.K. 531, 587.

Stewart, W.C. **451**, 1328.
Stewart, W.J. **785**, 95.
Naval Gun in Vietnam (ProfNote) **770**, 132.
Naval Reserve Force Destroyers: The Second Team? (Carson) (C&D) **868**, 76.
Strategic Mobility: Impetus for a Southwest Passage (Dindinger) (C&D) **881**, 82.
Stewart, Z.R.: Sun Never Sets on U.S. Navy (anec) **612**, 135.
Stewart (U.S.)
DD-13: A Memory of Ships. H. Haislip **895**, 48.
DD-224: **347**, 40.
A Commodore's Namesake. G. van Deurs **628**, 678.
Sticking Plaster: Tetanus Germs in Sticking Plaster **175**, 2135.
Stickney, H.O. **219**, 734.
Effect of the movement of the gun platform on the trajectory **122**, 729.
On the Navy and Coast Defense **131**, 946.
On Promotion, Present and Prospective **114**, 442.
Stickney, J.M.: Shower Power (anec) **895**, 46.
Stifflear, D.A.: Naval Shipbuilding (anec) **681**, 38.
Stiles, W.C.I. **299**, 49.
Ancient Over-seas Campaign **301**, 201.
Art of Ship Control **242**, 587.
Paul Jones and Arnold **385**, 337. **391**, 1304. **396**, 249.
Uses and Misuses of Mooring Board **233**, 1087.
Stiley, J.F.: See: Hatch, H.J.
Still Engine
Description **197**, 1263.
The Still Engine Questioned **198**, 1447.
Stillman, R.J.: Pentagon's Whiz Kids **758**, 52. **761**, 114, 115. **764**, 123, 124, 125.
Stillwell, Paul: Last Days of Peace in Pearl Harbor (Schmeider) (C&D) **837**, 89.
Stilwell, E.P. **524**, 1350.
Stilwell, J.J. **681**, 113.
and W.R. Porter: Naval Use of Hydrofoil Craft **720**, 60.
Stimson, H.L. **292**, 711. **300**, 158. **338**, 556. **350**, 594, 637. **352**, 907. **356**, 1507, 1517.
Stingray '70. F.J. West, Jr. **801**, 26. **806**, 101.
Stirling, A.G.: Nautical Branch of Naval Observatory **340**, 801.
Stirling, Y. **273**, 2218.
Airplane Conceived as Newest Missile **262**, 2125.
Bridge Across Atlantic **271**, 1669. **273**, 2173.
Fundamentals of Sea Power **268**, 889.
Naval Preparedness in Pacific Area **375**, 601.
Peace of Aviation in Organization for War **280**, 1100.
Sea Power, Foundation of Successful World Trade **388**, 767. **393**, 1685.
Stirling, Yates
Another argument for speed in battleship design **125**, 247.
Arrival of the battle-cruiser **160**, 1919.
Battle Rehearsals: A few thoughts on our next step in fleet gunnery **121**, 49.
The Destroyer: Our Naval Weakness **134**, 469.
The Nation's Defense: the Offensive Fleet. How Shall We Prepare It For Battle? **126**, 393.
On "Courage and Prudence" **126**, 691.
On the fleet and its personnel **111**, 623.
Organization for Navy Department Administration **146**, 435.
The Submarine **173**, 1371.
Stitt, E.R.
Activities of Medical Corps **308**, 887.
Medical Department of Navy **284**, 1951.
Stivers, G.W.: Repairing a Broken Crank with Wire Rope **15**, 107.
Stivers, R.E.
Destruction of the U.S. Naval Reserve (Chandler) (C&D) **885**, 81.
Discipline in the Naval Reserve **758**, 104. **761**, 116.
Mystique of Command Presence **786**, 26. **790**, 110.
Officer Personnel Management (C&D) **763**, 125.
Stobie, E.F.: All-Weather Carrier Landing System (NewNav) **749**, 156.
Stockbridge, J. **256**, 878.
Stocker, Robert: Launching of the USS New York (illus) **144**, 1337.
Stockholm (Sw.)
See: Andrea Doria-Stockholm Disaster; Third Ship, There Must Have Been a.
Stockman, J.R. **572**, 1145.
Book Review **740**, 109.
Stockton, C.H.
The American Interoceanic Canal **92**, 753.
Former Military and Naval Operations against Porto Rico and Cuba **95**, 457.
The Naval Asylum **37**, 53.
The Necessity and Utility of the Naval War College **68**, 407.
Simpson's Timber Dry Docks **41**, 221.
Submarine Telegraph Cables in Time of War **87**, 451.
Stockton, Charles H.
On American Naval Policy **113**, 194.
On the Navy and Coast Defense **130**, 380.
Panama Canal Tolls **142**, 493.
Stockton, R.F.
Alcalde of Monterey. R.J. Plumb **791**, 72.
Duels of. **132**, 1170.
Stockton, Robert L.: Navy Founds a Nation (OldNav). M.L. Duke **811**, 68.
Stockton (U.S.)
See also: Cover Pictures.
A Critical Moment (C&D). R.A. Dierdorff **763**, 124.
Launched **175**, 2056.
Stoddard, H.S.
Tactical ASW: Let's Fight Fire with Fire (Van Saun) (C&D) **892**, 81.
Worlds Apart? (Edelstein) (C&D) **851**, 79.
Stoddert **336**, 251.
Stoehr, L.A. **718**, 111.
Stokers, Mechanical **246**, 1358.
Stokes, C.R., and T. Darling: Yokosuka Naval Air Base and Japanese Naval Aviation **541**, 339.
Stokes, J.B. (joint author): See: Ford, W.C.
Stokesberry, James: USS Tecumseh: Treasure in Mobile Bay (OldNav) **786**, 147.
Stoking
See also: Fuel Consumption.
Aid to Systematic Firing of Marine Boilers. H.E. Lackey **115**, 599.
Mechanical Stokers for Locomotives, 1909: **131**, 995.
Mechanical Stoking, 1907: **124**, 1521.
Mechanical Stoking in Foreign Navies (1911): **137**, 322.
Negroes Better Suited for Stoking Than Whites **132**, 1288.
Stone, C.A.
Longitudinal and Hook Tensions in a Thick Iron Cylinder **21**, 489.
On the Relation existing between Length of Bore and Muzzle Velocity **23**, 99.
Ordnance and Torpedo Outfit of USS Trenton **3**, 89.
Ordnance Notes (Radius of Gyration of a Rifled Projectile) **22**, 677.
Stone, E.E.: Vocabulary Limited (anec) **635**, 69.
Stone, E.W.
Communications for Byrd Antarctic Expedition II: **396**, 212.
Communications for Italian Transatlantic Flight **378**, 1121.
Moral Preparedness **205**, 365.
On Anderson's "Notes on Alternating Current." **200**, 1759.
Poulsen Arc **209**, 1049.
Stone, F.G.: On Bomb-Dropping from Aircraft **150**, 585.
Stone, N.L.: The Trend in Naval Power: A Crisis of Resolve **869**, 24.
Stone, R. **403**, 1323.
Disposition of Neutral Vessels and Cargo Seized in War **206**, 565.
Lobster Ghost **338**, 451.
Ship's Landing Party of Long Ago **421**, 387.
Stone, Raymond
Doctrines of ultimate consumption and substitution **188**, 2269.
Skeleton, or Plotting Charts **137**, 217.
Through Patagonian Channels and Strait of Magellan: Voyage of USS Solace, 1909 (Maps, illus) **130**, 455.
Visibility of objects on a clear, dark night at sea **130**, 563.
Stone, Ted
The Beachcomber and the Beachhead (Vanzant) (C&D) **877**, 127. **884**, 97.
Last of the Four-Pipers? (Langenberg) (C&D) **868**, 79.
Liberty Ships Attract Fish (Nbk) (C&D) **863**, 78.
They Sailed to the Flying Boat's Future (C&D) **757**, 123.
Stone Fleet: Great Stone Fleet, Calculated Catastrophe. A. Gordon **790**, 72. C&D: **796**, 101.
Stonewall (Confed.): Strange Career of the Stonewall. Lee Kennett **780**, 74.
Stonewall (ironclad): Many Names and Owners **420**, 256.
Stoney, G.M.
Explorations in Alaska **91**, 533. **92**, 799.
Stool Pigeons: Sailors not to be used as. **225**, 1821.
Stoops, G.A. **556**, 708.
Stop, Look, and Listen. K. Tolley **770**, 58. **778**, 103.
Stop Watch vs. Astronomical Triangle. H.A. Rochester **366**, 1172.
Storage Batteries: See: Electric Batteries.
Storch, N.T.: Convoys for Our Envoys (OldNav) **872**, 78.
Stores: See: Supplies; U.S. Navy--Supplies and Stores.
Storgrads, Jarl: Latin America--An Assessment of U.S. Strategic Interests (Komorowski) (C&D) **850**, 93.
Storm, A Loop in the Track of an Ocean. E. Hayden **67**, 283.
Stormcloud (Eng) **351**, 766.
Storms
Machine to Detect **327**, 447.
Magnetic, Affect Radio **326**, 342.
Revolving. T. Nelson **8**, 231.
Story, W.F.: By Their Napkins Ye Shall Know Them (anec) **781**, 57.
Story of Old Ironsides. J.B. MacHarg **344**, 1351.
Stott, A.C.
Early Naval Strategy **396**, 229.
Navigation by Christian Science **482**, 548.
Tacking a Navy Career **152**, 1162.
Stoughton, B.M.: Rockognition (anec) **625**,

293.
Stousland, J.I. **426**, 1236. **429**, 1641.
Stout, G.C. **321**, 1013.
Stouter, L.R.: Tugs and Towing **727**, 34. **736**, 121.
Stove, G.W. **539**, 83.
Queen's Navy at War **565**, 289. **567**, 557.
Stowage: Outfitting Officer. H. Key, Jr. **509**, 795.
Stowe, S.F.: Pacific Motor Lines, Inc. **501**, 1333.
Straaten, F. van der: Depth Charge Epitaph (anec) **573**, 1203.
Strain, Isaac G.: Lieutenant Strain's Ordeal (OldNav). L.C. Allin **852**, 83. **865**, 76.
Strainagraph: The Strainagraph for Testing "Give" of a Ship **190**, 2845.
Strain's Panaman Expedition. R.Z. Kirkpatrick **390**, 1128. **393**, 1735.
Strait, B.A.: Steam Turbines (illus) **145**, 293. **146**, 797.
Straney, C.H.: Retention: The High Cost of Leaving (Fredland) (C&D) **816**, 83.
Strange, H.E., and J.D. Hayes: Book Reviews of Incredible Victory and Rendezvous at Midway (C&D) **784**, 115.
Strange, R.P.: Atlantic Conference: First Roosevelt-Churchill Meeting **602**, 389.
Strange Career of the Stonewall. Lee Kennett **780**, 74.
Strassburg (Ger. cruiser): Trials **144**, 1633.
Stratakis, John: Target Designation (anec) **626**, 489.
Strategic Air Command: McNamara Curtails SAC Alert (Nbk) **762**, 156.
Strategic Analysis of the Eastern Mediterranean and the Black Sea (NavRev). C. Margaritis **843**, 112. **847**, 95.
Strategic Arms Control: Realities of Arms Limitations (NavRev). D.A. Paolucci **831**, 178. **835**, 94.
Strategic Arms Limitation Agreements: Arms Control Since Hiroshima. D.R. Mets **850**, 18.
Strategic Arms Limitation Talks (SALT): Realities of Arms Limitations (NavRev). D.A. Paolucci **831**, 178. **835**, 94.
Strategic Arms Limitation Treaty: SALT I (NavRev). R.L. Beavers, Jr. **855**, 204.
Strategic Arms Race: SALT I (NavRev). R.L. Beavers, Jr. **855**, 204.
Strategic Bombing
See also: Aviation.
Bomber Navigation, the Blind Led the Blind. N.W. Emmott **795**, 35. **798**, 115. **802**, 110.
Strategic Interests in Latin America, An Assessment of U.S. (NavRev). R.A. Komorowski **843**, 148. **850**, 93.
Strategic Nuclear Striking Force: After Vietnam. R.E. Williams, Jr. **806**, 18. **813**, 87.
Strategic Significance of the Northern Sea Route. T.J. Laforest **778**, 56.
Strategy
Advisory Warfare vs. Sanctuary Warfare. E.F. Black **744**, 34. **747**, 114.
Another Kind of Strategy. M. Eckhart, Jr. **799**, 26.
The Atom, the Navy, and Limited War. G.L. Raring **708**, 50.
Battle, No Longer the Pay-off? S.T. Possony **810**, 32. **815**, 88. **817**, 90.
Blockade in Relation to Naval Strategy. A.T. Mahan **76**, 851.
Case for Oceanic Strategy. G.E. Lowe **784**, 26. **788**, 110.
Choosing Strategies and Selecting Weapon Systems. A.C. Enthoven **731**, 151.
Common Sense in War. S. Wilkinson **180**, 299.
Confidence in the Sea. G.F. Eliot **759**, 64.
Contrasting Strategic Styles in the Cold War. C.O. Lerche **711**, 23. **717**, 119.
Defense of the Atlantic Community. S.L. Harrison **800**, 44.
Doctrinal Gap. G.C. Reinhardt **762**, 61.
Expert Control in Conduct of War **181**, 671.
Geography, Strategy, and SALT (C&D) **895**, 83.
German Surface Force Strategy in World War II. H.J. Reinicke **648**, 181.
Global Strategy (ProfNote). T.L. Neilson **690**, 135.
A Holocaust for Happy Valley? (C&D) **889**, 75.
Japanese Policy and Strategy in Mid-War. L. Morton **672**, 52.
The Lesson of Vietnam. J.E. Greenbacker **845**, 18. **850**, 83. **851**, 73.
National Policy in the War of Wills. R.C. Bowman **746**, 46.
Naval Strategy: See: Naval Strategy.
Naval Strategy and the New Frontier. C.H. Amme **709**, 23.
Needed: A Credible Presence. J.E. Withrow, Jr. **757**, 52. **762**, 114, 115. **765**, 122. **768**, 116.
Neither Humiliation Nor Holocaust. G.E. Lowe **724**, 56.
1974. W.H. Bagley **804**, 18. **809**, 99, 100. **815**, 88.
Poseidon and Minuteman. D.A. Paolucci **786**, 46.
Problem in. **69**, 197.
Professional Officer and Foreign Policy. C.O. Lerche, Jr. **737**, 68.
SABMIS and the Future of Strategic Warfare. M.B. Schneider **797**, 26. **801**, 118, 119. **806**, 93.
"Sancho! My Armor! My Sword!" Scott Allen **896**, 18.
Soviet Carrier Strategy. J.T. Funkhouser **850**, 27. **856**, 103.
Soviet Global Strategy: The Great Challenge to the West at Sea. Wolfgang Höpker **874**, 24.
Soviet Naval Goal: Satellite Seas. F.M. Murphy **698**, 36.
Time of Great Challenge (C&D) **853**, 99.
The Trouble with Alliances. T.H. Etzold **889**, 46. **895**, 90.
Twentieth Century Penchant for the Offensive. R.L. Bowers **775**, 58.
United States at a Strategic Crossroads. S. Turner **836**, 18.
U.S. "Strategies" and Continental Europe. M.E. Geneste **740**, 35.
Versatile, Vulnerable Container Ship. F.B. Case **828**, 48.
Strategy--Deterrence
ABM: The High Cost of Living. D.M. Johnston, Jr. **776**, 26. **779**, 100. **781**, 109.
Clausewitz, Cuba, and Command. P.R. Schratz **738**, 24.
Counterforce or Countervalue. R.L. Beavers **854**, 18. **856**, 88. **857**, 97. **858**, 91.
Credibility of the Deterrent and Its Implications for NATO. W.J. Dabros **749**, 26.
Damage Limitation: A New Strategic Panacea? G.E. Lowe **748**, 38. **752**, 110, 111, 112. **756**, 108.
Delusion of Strategic Parity. L.J. Larsen **752**, 46.
Deterrence--the Next 20 Years. G.E. Lowe **705**, 51. **709**, 108. **715**, 106.
Distant Rampart. H.W. Rood **769**, 30.
Genesis of America's Oceanic Power. G.E. Lowe **737**, 26. **742**, 112.
A Holocaust for Happy Valley? H. Young **885**, 52.
Human Factor in Deterrence. J.I. Coffey **742**, 44.
Impact of Technology on Strategy. J.T. Hayward **835**, 24. **839**, 86. **844**, 96.
Missions of the U.S. Navy. S. Turner **862**, 18.
Patience: Bedrock of Strategy in the 1960s. W.H. Hessler **744**, 26. **747**, 112.
South of Thirty. J.D. Chase **770**, 30. **777**, 103.
Stability and the Strategic Balance. J.I. Coffey **772**, 40.
Stalemate--Or? H.W. Baldwin **734**, 48.
Strategies and Realities. J.I. Coffey **756**, 34.
The Study of Strategy (1923). R.R. Belknap **848**, 80.
Turmoil in Paradise: Micronesia at the Crossroads. J.H. Webb **833**, 26.
The Vulnerable Homelands. P.H. Backus **814**, 18. **830**, 103.
Strategy--Global
Navy Gap in the Seventies. J.C. Bussert **832**, 18.
Where Do We Go From Here? J.E. Greenbacker **880**, 18.
Strategy--Limited War: NATO Strategy and Flexible Response. C.H. Amme **771**, 58.
Strategy--Missile-strike: Cruise Missile: The Ship Killer. W.J. Ruhe **880**, 45. **884**, 94. **885**, 83.
Strategy--National
The Encircling Sea. J.J. Clark **793**, 26. **799**, 116, 117. **805**, 91.
Fatal Virus of a Static Strategy. G.F. Eliot **684**, 23. **687**, 102.
Navy in U.S. National Strategy. S.N. Nickerson **528**, 149.
Victory: In War and Peace. P.M. Stanford **470**, 481.
Weather Control and National Strategy. W.J. Kotsch **689**, 74.
Strategy--NATO: Red Star Over the Southern Sea. P.R. Schratz **808**, 22.
Strategy--Naval
Development of Navy Strategic Offensive and Defensive Systems (NavRev) D.A. Paolucci **807**, 204. **813**, 88.
The Only Option? G.E. Lowe **818**, 18. **825**, 86. **826**, 88. C&D: **827**, 94. **830**, 96, 97. **832**, 105.
Sea Power and Soviet Foreign Policy. D.R. Cox **796**, 32.
Significance of Aboukir Bay. R.A. Cahill **773**, 79.
Soviet Navy in the Mediterranean. F.M. Murphy **769**, 38.
Theory of Naval Strategy in the Nuclear Age (NavRev). E. Wegener **831**, 190.
U.S. and U.S.S.R. Naval Strategy. K.J. Hagan and J.W. Kipp **849**, 38.
U.S. Sixth Fleet: Search for Consensus. P.A. Dur **856**, 18.
Strategy--Non-Nuclear: Our Far-Flung Ramparts. G.F. Eliot **740**, 26.
Strategy--Nuclear
Nuclear Control and the Multilateral Force. C.H. Amme, Jr. **746**, 24.
Nuclear Weapons Debate. W.R. Van Cleave **759**, 26.
Strategy--Russia
New Soviet Military Strategy (ProfNote). R.N. Ginsburgh **731**, 122.
Offensive Mining as a Soviet Strategy. C.W. Saar **738**, 42.
Strategy and Tactics
See also: Landing Craft and Operations.
Advanced Naval Bases. S.F. Staple and

Strategy and Tactics (Cont.)
Advanced Naval Bases (Cont.) D.J. Munro **261**, 1868.
Aerial **240**, 362. **279**, 855. **284**, 2055.
Aeronautical Board of Army and Navy. J. Butler **285**, 2246.
Aircraft and Naval Engagement. C.L. Ramsey **330**, 679.
Aircraft in Joint Military-Naval Operations. E.W. Broadbent **342**, 1056.
Aggressive in Naval Battle (100 battles). W.N. Thornton **416**, 1405. **419**, 101.
American Responsibilities in the Nuclear Age. W.R. Kintner **637**, 243.
Amphibian Operations. Sir H. Russell **274**, 2403.
Analysis of Air Menace. R.C. Parker **351**, 649. **355**, 1349.
Ancient Over-seas Campaign. W.C.I. Stiles **301**, 201. **308**, 899.
Army-Navy Coast Defense **337**, 405.
Balanced Forces or Counterforce. G.E. Lowe **710**, 23.
Baltic, Strategic Situation in. W. Hovgaard **391**, 1281.
Beginner's Outline of Strategy and Tactics. R.T. Strong **459**, 619.
Book Reviews **331**, 877. **348**, 312, 316.
Capitulation of Montenegro. B. von Berchem **355**, 1307.
Chinese Lines of Communication and Their Effect of Strategy. F.H. Wells **381**, 1519.
Clerk's Naval Tactics. C.L. Lewis **352**, 853. **357**, 1651.
Conduct of Naval Battle. R.F. Seymour **220**, 932.
Cooperation of Air Forces in Coast Defense. R.D. Weyerbacher **330**, 692.
Co-ordinating Army and Navy. W.F. Fullam **251**, 14.
Danger from the East. Mogens Lauesen **707**, 19. **712**, 113.
Dardanelles: See: Dardanelles.
Dog Company's Charge. N.A. Canzona **645**, 1203.
Early Naval Strategy. A.C. Stott **396**, 229.
Effect of Aircraft on Future Warships. R. Castex **263**, 154.
Elements Contributing to Aerial Superiority. F.G. Percival **338**, 437. **339**, 673. **340**, 817. **349**, 415.
Employment of Aircraft in Naval Warfare. J.P. Jackson **234**, 1263. **236**, 1779. **238**, 2135. **239**, 117.
Fall of New Orleans, 1862. H.O. Werner **710**, 79.
Fiction Foreshadows Fact **671**, 112.
Fighting Leader for Fleet. R.K. Turner **230**, 561.
Fleet and Marines. E.W. Broadbent **337**, 369.
Fleets: Composition and Uses. J.V. Chase **332**, 895.
Functions of Office of Naval Operations. R. Castex **214**, 1987.
Future Naval Battle. J.B. Gautreau **347**, 117.
Future Naval Tactics **326**, 352.
Gallipoli Revisited **358**, 1826.
Gamesman's Game. W.J. Ruhe **649**, 292.
General Eisenhower's Elephants. C.S. Arthur **587**, 45. **601**, 320.
German Army and Navy, Co-operation between. R.E. Krause **437**, 987.
German Naval Strategy Across Two Wars. Friedrich Ruge **624**, 153.
German Naval Strategy of World War. J.W. Jamison **431**, 38.
German Naval Strategy in World War II. D.L. Kauffman **611**, 1.
Guide, Suggested, for Amateur Military Critics and Prophets. W.F. Riggs, Jr. **546**, 935.
Gun-power and Battle Tactics. Sir H. Russell **310**, 1104.
Hawaiian Maneuvers: Infantry Journal re **352**, 920.
Hints on Tactical Maneuvers. J. James **238**, 2117.
Importance of Bases and Ships **247**, 1498.
Incidents and Present Day Aspects of Naval Strategy. F.H. Schofield **243**, 777.
Influence of Air Reconnaissance **240**, 362.
Is Fleet Strategically Concentrated? F.M. Perkins **237**, 1883.
Joint Army and Navy Board Defined **256**, 996.
Joint Army-Navy Co-operation, 1958: **680**, 102.
Joint Army and Navy Operations. W.S. Pye **262**, 1963. **263**, 1. **264**, 233. **265**, 386. **266**, 589. **268**, 975.
Joint Operations, Army and Navy **348**, 283.
Joint Military-Naval Operations. E.W. Broadbent **373**, 321. **376**, 837.
Joint Operations: French **355**, 1373.
Joint Over-Seas Operations. E.K. Cole **321**, 927.
Jutland: See: Jutland.
Landing Operations **341**, 973.
Landings, Naval Gunfire in Support of W.C. Ansel **353**, 1001.
Land Warfare, Naval Tactics for. G.J.B. Fisher **403**, 1295.
Lessons from Gallipoli. Naval Gunfire in Support of Landings. W.C. Ansel **353**, 1001.
Let's Pull Together. H.H. Frost **353**, 1175. **358**, 1844.
Limitations of Modern Sea War. Sir H. Russell **270**, 1546.
Making Atomic Strategy. R.G. Alexander **632**, 1081.
Maritime Strategy. J.C. Wylie, Jr. **603**, 467.
Mechanization and Motorization, Effect of, on Tactics. H.D. Harris **375**, 609.
Medical Strategy and Tactics. G.F. Cottle **395**, 82.
Mediterranean Strategy, Persistence of Egyptian Factor in. C. Moran **459**, 695.
Military Co-ordination. T.T. Craven **348**, 181.
Modern Concept of Strategy. B. Anderson **537**, 1329.
Modern War and Ancient Maxims. W.D. Puleston **514**, 1435.
National Strategy. H.H. Frost **270**, 1343. **272**, 1965.
Naval Aircraft in Coastal Warfare. H.H. Frost **335**, 9.
Naval Strategy
Eller, E.M. **437**, 945.
Danger of Pre-Conceived. G.W. Kittredge **598**, 1324. **601**, 321.
in Adriatic Sea During World War. A.E. Sokol **414**, 1077.
in Sino-Japanese War. S. Wang **461**, 991.
Schofield, F.H. **259**, 1408.
Naval Warfare in Miniature. S.A. Smiley **383**, 54.
Navy Tactical Data System (ProfNote). Paul Van Leunen **680**, 128.
Needed--A Military Strategy of Mobility. E.A. Parsons **646**, 1263.
New Weapons and Old Ones. G. Voitoux **248**, 1635.
Officers to Exchange Duties **350**, 636. **351**, 765, 794.
Operations in Restricted Waters. R.P. Beebe **712**, 23. **721**, 108.
Our Tactical Readiness for War. R. Willson **242**, 553.
Peripheral Strategy--Mahan's Doctrine Today. J.D. Hayes **609**, 1185. **613**, 335. **615**, 576.
Phormio: The First Naval Tactician. A.G. Nelson **722**, 88.
Policy: Matrix of Strategy. G.C. Reinhardt and W.R. Kintner **612**, 145.
Present Radio Situation Influence on Tactics and Strategy. S.C. Hooper **210**, 1209.
Pre-Vision in Strategy. Sir H. Russell **264**, 340.
Readjustment to New Weapons. F.G. Percival **318**, 661.
Reflections on War in Pacific. J.C. Wylie, Jr. **590**, 351. **597**, 1256.
Sea Warfare. Sir H. Russell **279**, 1017.
Shanghai, Lessons Learned at, in 1932. H.H. Smith-Hutton **426**, 1167.
Ships vs. Forts--Dardanelles. S.S. Mercer **356**, 1453.
Smoke Screens, Some special Uses of. R.C. Parker **449**, 953.
Special Boats for Landing Operations. H.H. Utley **338**, 520. **344**, 1401.
Speed: See: Speed of Ships.
Spirit of Offensive. H.H. Frost **238**, 2087. **239**, 97. **240**, 269. **244**, 1006.
Strategic and Logistic Planning. L.P. Gray, III: **610**, 1321.
Strategic Aspects of Battle off Formosa. S. Fukudome **598**, 1285.
Strategic Naval Bases. W.H. Burns **311**, 66.
Strategy Department of Naval War College. R.R. Belknap **230**, 553.
Strategy of Yorktown Campaign. J.F. Shafroth **340**, 721.
Study of Strategy. R.R. Belknap **239**, 1.
Tactical and Fire Control Problems. H.W. Hill **225**, 1765.
Tactical Awakening. J. Staples **220**, 849.
Tactical Development. F.A. Andrews **662**, 65.
Tactical Employment of Naval Aircraft. H.B. Grow **253**, 341.
Tactical Ramblings. E.G. Allen **253**, 389.
Tactical School, Evaluation of. J.C. Breckinridge **381**, 1537.
Tactics and Command. M.F. Talbot **359**, 9.
Threat and Opportunity. F.G. Percival **446**, 477. **448**, 868.
Tradition of Offensive in United States Navy. W. Chamberlin **464**, 1375.
Trend of Naval Affairs. R.E. Krause **266**, 521.
Types and Tactics. B. Livingston **433**, 311.
Unity of Command in Civil War. J.C. Thom **349**, 371.
Uses of Aircraft in Naval Warfare. C.T. Gladden **312**, 121.
U.S. Naval **245**, 1195.
Vindication of Sea Power. S.T. Possony **511**, 1033.
Wargaming the Cold War. M.T. Price **673**, 44.
World War: See: World War.
Strategy and Technology: Nuclear Carrier and Modern War. P. Schratz **834**, 18. **838**, 88. **842**, 86.
Stratton, R.O. **615**, 573.
German Naval Support Techniques in World War II: **613**, 257.
Germany's Secret Naval Supply Service **608**, 1085.
Stratton, Roy: Navy Guerrilla **725**, 83.
Stratton, S.S. **593**, 798. **605**, 793.
Balance Sheet on Korea **614**, 367.
Healthy Attitude Towards Peace **515**, 53.
Korea: Acid Test of Containment **589**, 237.
Tiger of Malaya **612**, 137. **617**, 810.
Strauss, E.B. **366**, 1191. **785**, 97.

Explosives **346**, 1612.
Home on Ocean Wave **438**, 1165.
Stars, Stripes, and Gresham's Law **781**, 51. **785**, 97. **788**, 110.
The Trial of Chaplain Jensen (BkRev) (C&D) **868**, 83.
"Tin Soldier" Is a Good Soldier (C&D) **828**, 94. **832**, 104.
Too Many Senior Officers, Not Enough for Them to Do (Cornelius) (C&D) **862**, 89.
Strauss, J.
Smokeless Powder **100**, 733.
Telescopic Sights for Guns **79**, 587.
The Turrets of the New Battleships **76**, 771.
Strauss, Jonas **308**, 932.
Strauss, Joseph **275**, 109. **358**, 1799.
On the Scott Fire-Control System **152**, 1225.
Stability of Smokeless Powder **136**, 929.
Strauss, Oscar S.: Citizenship and Protection of Naturalized Citizens Abroad **109**, 121.
Strauss, W.P.: David Porter: Pioneer Pacific Strategist (OldNav) **768**, 158. **772**, 105.
Strausz-Hupé, R.
Analysis of Strategic Areas in Asia **587**, 1.
Back to Sanity **663**, 23.
Disarmament Delusion **684**, 41. **694**, 109.
Is NATO Expendable? **655**, 923.
Middle East **671**, 23.
Soviet Psychological Strategy **700**, 23. **704**, 112.
Vital Interests and Objectives of Our Major Allies **743**, 152.
What's Behind the Russian Mask? (C&D) **733**, 109. **741**, 113.
Straw That Breaks Camel's Back. V.H. Godfrey **341**, 944.
Strean, B.M.
Book Review **884**, 107.
Carrier Admiral (C&D) **788**, 107.
Naval Aviation 3M Program--Success or Failure? (ProfNote) **811**, 86.
Operation Sea Orbit (ProfNote) **745**, 124.
Street Riot Drill, Wall Scaling, etc. W.F. Fullam **69**, 169.
Strength Tests. L.H. Mang, P.V.H. Weems and F.K. Elder **347**, 91.
Stretch, R.N. **603**, 568.
Stretcher for Wounded, Letter Regarding. H.E. Ames **100**, 747.
Strike Command, U.S. (ProfNote). E.I. Greenwood **768**, 145.
Strike Forces: Linebacker Strike. R.C. Powers **858**, 46. **862**, 76. **866**, 85. **871**, 79. **874**, 72.
Strikers: See: Personnel.
Striker System, Let's Return to the. C.H. Morgan, Jr. **652**, 612.
Strikes
Italian Navy used to put down general strike in Italy (1914): **152**, 1203.
Strike at Newport News, 1917: **173**, 1538.
War on Water Front. K.H. Donavin **430**, 1716.
Strike Teams: Stingray '70. F.J. West, Jr. **801**, 26. C&D: **806**, 101.
Striking for Wings. L.E. Richardson **343**, 1242.
Striplin, E.F., Jr.: Let Go the Anchor--and the Liberty Party (anec) **703**, 70.
Strobel, L.K.: The Bennington Disaster (OldNav) **794**, 148. **798**, 112. **799**, 106.
Strobel, Lee
Stop the Ship! Hammer Overboard! (anec) **707**, 68.
Training in the USS Adams (OldNav) **732**, 156.
Strobridge, T.R.
and B.C. Nalty: Colonel Sharp Delany: Father of the U.S. Coast Guard (OldNav) **877**, 112. **906**, 89.
Co-author: See: B.C. Nalty; B.W. Norris.
When the Navy Fought the Indians (OldNav) **746**, 156.
Strohbehn, W.W.: Should We Train Ships or Men? **569**, 759.
Strohmeyer, Carl: Persuading the U-Boats (C&D) **746**, 105.
Strole, D.L., and W.E. Dutcher
Changes in Ships' Status (NavRev) **807**, 462.
Naval and Maritime Events, July 1968-December 1969 (NavRev) **807**, 15. **812**, 87.
Strong, J.T.
Make Sure It's an Officer (anec) **618**, 893.
Opening of the Arctic Ocean **704**, 58.
Professionalism: A Wardroom Debate **759**, 72. **764**, 122.
Third Thursday Society: A Professional Experiment (ProfNote) **787**, 143.
Strong, James **721**, 106. **728**, 124.
Paper War--Quo Vadis? **711**, 35. **716**, 106, 107, 108. **726**, 104.
Study, Discussion, and Fellowship (ProfNote) **815**, 98.
Strong, M.P.: To Salute or Not to Salute (anec) **766**, 57.
Strong, R.T.
Beginner's Outline of Strategy and Tactics **459**, 619.
Our Russian War of 1918-1919 (Tolley) (C&D) **796**, 112.
Pressures Against Peace **399**, 625. **407**, 99. **412**, 869.
Technique of Organization **360**, 221.
U.S. Navy--Middle Age Spread (Bussert) (C&D) **849**, 92.
Strongbow (HMS) **338**, 542.
Sunk **179**, 168.
Stroop, P.D. **652**, 668.
Training Officers of Deck, Carrier Style **598**, 1297.
Strope, W.E.
Decisive Battle of Pacific War **519**, 627. **524**, 1347.
Japanese Naval Rearmament **640**, 575.
Laboratory for Battleship **498**, 955.
Naval Officer and Tomorrow's Navy **553**, 279.
Navy and Atomic Bomb **536**, 1221.
Strother, E.W.: Diving and the Diving School **182**, 781.
Strout, R.S. **708**, 110.
Struble, A.D.: Toward a Nuclear-Powered Seaplane **657**, 1168.
Struble, G.W. **313**, 269.
Struggle: Jones, E. **346**, 1746.
Stryker, J.W.
Are Military Moving In? **553**, 295.
Battleship as Auxiliary Supply Ship **536**, 1181.
Keep Out of Government Quarters **569**, 767. **579**, 539.
Three Tips to Shiphandlers **538**, 1467.
Stryker, L.M. **689**, 100.
Mine as a Tool of Limited War (C&D) **773**, 107.
Stuart, A.J.: Mechanized Landing Force and Blitz Beachhead **597**, 1209.
Stuart, G.
Captain Isaac Hull--August 1962 Cover.
Engines, 250 Man-Power (anec) **532**, 711.
Unexpected Submarines (anec) **545**, 831.
Stuart, H.A. **451**, 1317.
Oil for World's Navies **461**, 935.
Stuart, J.M. **519**, 711.
Stuart (Eng.) **351**, 766. **352**, 923. **354**, 1221.
Stubbe, R.W.: Aalborg: An Unusual Fourth of July (ProfNote) **845**, 112.
Stubbs, H.K. **673**, 103.
Stuckey, C.W.: Sea Lords (Schreadley) (C&D) **816**, 87.
Stuckey, Gene: Sailors Should Know Self-Defense (anec) **678**, 87.
Student Protest and Violence
Campus Unrest. D. Caldwell **697**, 58. **800**, 101. **805**, 91.
The Naval ROTC (C&D) **797**, 106. **801**, 111, 112.
The NROTC Crisis (C&D) **801**, 109. **806**, 99. **814**, 87.
NROTC at UCLA--The Colors Still Fly. L.M. Kryske **826**, 18.
Some Implications of University Unrest (ProfNote). A.C.A. Jampoler **797**, 141. **801**, 111.
Student Activism: Civilian and Military Institutions (ProfNote). C.L. Cochran **812**, 97.
The Universities: Trial by Fire. B. Gibson **806**, 32.
Youth Wants to "No!" A.L. Wermuth **833**, 50.
Studley, B.: Flight Training of Student Naval Aviators **293**, 764.
Studley, G.L.: Merchant Marine: Subsidies and Competition (C&D) **773**, 115.
Study Business, The. J.C. Longino **772**, 58. **777**, 110.
Study of Diesel-engined 10,000-ton Cruiser. A.M. Procter **328**, 505.
Stuergkh, Karl: Assassinated **166**, 2082.
Stuhldreher, W.F.: Incident at Mazatlán (OldNav) **799**, 150.
Stull, J.O.
Guns Have Not Gone Yet! **734**, 80.
Last Pathfinder: General Edward F. Beale, U.S. Navy (Retired) **756**, 76.
Stump, F.B.: Pecos Died Hard (Abernethy) (C&D) **810**, 102.
Stunt Flying: See: Aeronautics.
Stuntz, S.C., Jr.: Vesuvius: Black Sheep of White Squadron **455**, 36.
Sturdee, F.C.D.: Warship Design **257**, 1137. **258**, 1358.
Sturdee, F.D. **377**, 939.
Sturdevant, E.W.: Discipline in Naval Service **262**, 1989.
Sturdy, H.F. **475**, 1307, 1357.
Education and Training at Naval Academy **518**, 153.
Establishment of Naval School at Annapolis **503**, 1. Reprint: **518**, 1.
Founding of Naval Academy by Bancroft and Buchanan **392**, 1367.
Nuclear Bibliographies; General Line Course **307**, 821.
Sturgeon (Eng.) **337**, 398. **339**, 680. **346**, 1716. **349**, 428. **352**, 923. **353**, 1070. **358**, 1827.
Sturgis (U.S.): Army's Floating Nuclear Power Plant (ProfNote). R.M. Bunker **774**, 135.
Sturm, A.L. **482**, 567.
Styer, C.W.: See: Weber, G.K.
Styer, C.W., Jr. and R.F. Freitag: Navy in the Space Age **685**, 86.
Styx Missiles: See: Aftermath of the Elath.
Subbiondo, Andrew, Jr. **727**, 101.
Subchasers: Aboard Subchaser 206 (OldNav). Jack Sweetman **883**, 69.
Subic Bay, Huge War Facilities at (ProfNote). W.E. Dutcher **783**, 135.
Subject: Change of Duty. E.A. Solomons **325**, 200.
Sublette, W.H. **523**, 1226.
Submarine Boats
Advance in Size of Submarines (1912): **142**, 762.
Argument for the Submarine **200**, 1783.
Canadian Submarines That Crossed the Ocean **160**, 2021.
Electric Super-Submarines **200**, 1803.
Experiment on a Submarine Boat **68**, 492.
The Fleet Submarine. F.A. Daubin **166**, 1815.
For U.S. Navy: Circular of 1887: **44**, 253.
The Ideal Submarine **168**, 400.

Submarine Boats (Cont.)
Kimball, W.W. **100**, 739. **94**, 380. Review: **44**, 249.
A Kiosk-Hydro for Submarines **154**, 1826.
Lake **92**, 919.
Large vs. Small Submarines. W.L. Rodgers **167**, 148.
Log of the C.S. Submarine. W.E. Beard **199**, 1545.
The Multitubular Submarine **172**, 1297.
Neff System of Submarine Propulsion **160**, 2065. **161**, 246. **162**, 611. **163**, 965. **165**, 1676.
Nordenfelt, T. **38**, 439.
On the Fleet Submarine. R.S. Edwards **166**, 1955.
Parker "Baby" Submarine **160**, 2067.
Position of the Submarine in 1906: **121**, 441.
Possibility of Dispensing with the Mother Ship **162**, 614.
Progress in Submarine Craft. R.F. Skerret (1900) **129**, 328.
Rapid Development of Submarines (1911): **138**, 636.
Resistance of Submarine Hulls **158**, 1318.
The Roddatz **87**, 534.
Shall the Submarine Be Outlawed? **199**, 1625.
Status of the Submarine (1916) **163**, 972.
Steam Submarines **194**, 647.
The Submarine. Y. Stirling **173**, 1371.
The Submarine and the Future. V.N. Bieg **155**, 151.
Submarine Boats. H.C. Fyfe **103**, 753.
Submarine Boats: Past, Present, and Future. L. Speare **104**, 1000.
The Submarine: Its Purpose and Development. T.A. Kearney **158**, 1239.
The Submarine Menace (1914): **152**, 1187.
Submarines and Density of Seawater **155**, 223.
Submarines and Mines, 1910: **136**, 1192.
Submarines and Ramming Tactics **155**, 221.
Submarines as Sea-Going Vessels (1910): **135**, 910.
Submarines: Types, Operations and Accidents. J.H. Tomb **116**, 965.
The Super-Submarine **163**, 966.
Ultra-Violet Rays for Purifying the Air in Submarines **142**, 754.
Underwater Guide for Submarines **158**, 1317.
Usefulness of Merchant Submarines **165**, 1686.
Submarines Boats--Accidents
See also: Collisions and Groundings.
Accidents to Submarines of the Navies of the World **157**, 950.
British A-3 in Collision with Gunboat Hazard **141**, 327.
British A-5 Explosion **113**, 216.
British A-7 Disaster **150**, 524.
British A-8 Disaster **3**, 736.
British B-2 Sunk in Collision **144**, 1652.
British C-2 Accident, April 1914: **151**, 841.
British C-11 Accident **132**, 1287.
British E-5 Explosion of Engine **147**, 1342.
Causes of Accidents to Submarines **115**, 745.
Danish Submarine Dykkeren Sunk in Collision **166**, 2025.
French Calypso in Collision with Destroyer Mousqueton **152**, 1181. **153**, 1486.
French Farfadet: Sinking of. **115**, 705.
French Submarine Accidents (1913): **145**, 370.
German U-3 Sinks **142**, 757.
Netherlands Submarine No. 5 Sinks at Quay **150**, 546.
Principal Submarine Disasters, 1904-1914: **158**, 1320.
Russian Submarine Minoga Sinks During Maneuvers **146**, 864. **149**, 235. **150**, 580.
Submarines: Types, Operations and Accidents. J.H. Tomb **116**, 965.
United States
A-7 Fatal Explosion **175**, 2125.
E-2 Gas Explosion **162**, 613.
F-4 Disaster **159**, 1650. **160**, 1833, 2059.
Fulton: Explosion Aboard **102**, 392.
U-5 Fatal Explosion **189**, 2671.
Submarine Boats--Austria
Austrian Submarines of 1914: **149**, 190.
Krupp Submarines For Austrian Navy **156**, 525. **158**, 1274.
Submarine Boats--France
British and French Submarines, 1911: **138**, 627.
Experiments at Cherbourg, 1902: **101**, 98.
French Experiments with Submarines, 1909: **131**, 954.
French Submarine Boats **89**, 247.
French Submarine Efficiency (1908): **128**, 1321.
French Submarines Types (1903): **105**, 246.
French Submarines (1906): **120**, 1574.
French Submarines of the Laubeuf Type (1915): **159**, 1639.
Goubet, New Type of Submarine (1902): **103**, 631.
Mariotte, World's Largest Submarine (1911): **137**, 283. **146**, 843.
Progress of Submarine Navigation in France, 1885-1905: **116**, 987.
Sous-marins Sans Periscope **163**, 972.
Submarines and Submersibles of France (1907): **121**, 391.
Submarine Boats--Germany
Development and Efficiency of German Submarine Boats (1913): **149**, 208.
First German Submarine (1906): **120**, 1580.
German Cruising Submarines of 1917 Type **170**, 779.
The German Submarine Cruiser (1918): **186**, 1918.
German Submarine Designs (1918): **188**, 2363.
German Submarine Development, 1906-1914: **154**, 1796.
German Submarine Fleet at Beginning of 1914: **150**, 510.
German Submarine Flotillas in 1912: **142**, 756. 1913: **146**, 845. **149**, 206.
German Submarines
1907: **123**, 1294.
1914: **152**, 1183.
1908: **126**, 704.
1916: **164**, 1276. **166**, 1973.
Krupp-Germania Submersibles (in 1909): **132**, 1308.
Larger German Submarines (1918): **180**, 370.
Submarine Boats--Great Britain
American-built British Submarines (1914): **159**, 1643.
British and French Submarines, 1911: **138**, 627.
British Experiments (1904) with Holland-Vicars Type **109**, 220.
British Submarine Cruisers of 1913: **150**, 523.
British Submarine Development (to 1913): **148**, 1745.
British Submarines, 1904: **114**, 504.
British Submarines of 1913: **145**, 377.
Illustration of British Submarine (1919 type) **194**, 639.
Jealously Guarded British Submarine S-1 (1913): **150**, 523.
New British Submarine D-1: **132**, 1284.
New Type of British Submarine (1902): **101**, 114.
New Type of British Submersible (1912): **141**, 321.
New Types of British Submarines (1913): **150**, 536.
Submarine Boats--Italy
Italian Submarine Mothership, 1916: **163**, 968.
Italian Submarines, 1912: **143**, 1136. 1913: **148**, 1755.
Italy's Progress in Submarine Navigation (1908): **126**, 719.
Submarine Boats--Russia
Russian Cruising Submarine (1912): **143**, 1145.
Russian Sectional Submarine (1902): **101**, 127.
Submarine Boats--Spain: American Built Submarine For Spain (1916): **165**, 1637.
Submarine Boats--United States
See also: Periscopes; Life-saving Apparatus; Salvage; Names of vessels.
Expert Say U.S. Submarines Are Totally Unfit **155**, 195.
Lake Submarine for U.S. Navy, 1908: **125**, 349.
New (1906) Lake Submarine **118**, 743.
Record Cruise of U.S. Submarines (1913): **149**, 246.
Subsurface Torpedo Boat (1910): **134**, 624..
3-in. Guns on U.S. Submarines (1912): **148**, 1762.
U.S. Submarine Boat Tests, 1907: **124**, 1526.
Submarine Chasers
See also: Names: SC and PC.
American Naval Mission in the Adriatic, 1918-1921. A.C. Davidonis **503**, 41.
Anecdote on Atlantic Crossing **406**, 1815.
Austro-American Navy. E.E. Hazlett, Jr. **454**, 1757.
Lake Michigan Storm **455**, 149.
Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
PC Attacks. M. Vicker **498**, 991.
Peter Charlie--Plea for Recognition. R.S. Stevens, Jr. **522**, 1031.
Submarine Chaser 209 (U.S.) **411**, 631.
United States Submarine Chasers at Gibraltar, November 1918. E.C. Raguet **406**, 1703.
Submarine Chasers and Patrol Boats
Boats of the Volunteer Patrol Squadron (1916): **161**, 243.
Characteristics of Russian Patrol Boats (1917): **173**, 1505.
"Eagle" Boats **182**, 838. **184**, 1305. **187**, 2106. **192**, 281.
Efficiency of Submarine Chasers **170**, 791.
50-Mile Motor Boats to Rout Submarines **158**, 1388.
Illustration of Ford's Standardized Submarine Chaser **182**, 831.
Motor Boats as Submarine Chasers **164**, 1311.
Motor Boats as Submarine Destroyers for U.S. Navy **162**, 585.
Motor Patrol Boats of U.S. Navy (1916): **164**, 1288.
The 110-ft. Submarine Chasers and Eagle Boats. J.A. Furer **195**, 753.
Patrol Boats and Their Operations **173**, 1502.
Report on U.S. Patrol Boats, 1916: **166**, 2002.
Russian Submarine Chasers (1916): **161**, 237.
Sims Reports Submarine Chasers Unsatisfactory **176**, 2311.
Submarine Chasers for the British Navy (1915): **160**, 2022.
Submarine Chasers not up to

Expectations **175**, 2104.
The U.S. Navy's 345 Patrol Boats (1917): **172**, 1251.
Submarine Research
Aluminaut Dives (Nbk) **757**, 161.
First Nuclear Research Sub (Nbk) **758**, 182.
Future Subs of Glass (Nbk) **739**, 160.
Identical Twin Midgets for the Navy (Nbk) **785**, 151.
Lockheed to Build New Sub "Deep Quest" (Nbk) **749**, 146.
New Research Submarine for Deep-Diving (Nbk) **766**, 180.
New Steel For Safer Submarines (Nbk) **774**, 155.
New Submarine Topside Paint (Nbk) **766**, 178.
1960: A Vintage Year for Submariners. R. Boyle **812**, 35.
Severyanka—Soviet Submarine for Scientific Research (ProfNote). V.P. Petrov **798**, 138.
Wings and Hydrofoils in Submarine Concept (Nbk) **802**, 163.
Submariners
From Volunteer to Mercenary? (NAMB) **878**, 98. **885**, 73.
1960: A Vintage Year for. R. Boyle **812**, 35.
Submarines
See also: Names of; Torpedoes.
A-3 Sub to Begin Patrol (Nbk) **741**, 144.
Abolition **276**, 334. **323**, 58. **325**, 238. **356**, 1522.
Accommodations and Habitability: Polaris Submarine Habitability (ProfNote). R.W. Dickieson **767**, 130.
Adriatic, Submarine Warfare in. S.W. Gould **496**, 683.
Aircraft Against U-Boats. R.M. Grant **436**, 824.
Airplane on Board Submarine. I.A. Gavrilof **383**, 17.
Alligator, First Federal Submarine of Civil War. L.H. Bolander **424**, 845.
Aluminaut Dives to Record Depth (Nbk) **755**, 159.
Antisubmarine Measures: Address by P.H. Nitze, 16 March 1964 at Joint Session of NWC and ICAF **737**, 160.
Anti-Submarine Measures Old and New. W.A. Read **459**, 638.
Anti-Submarine Warfare, Why Japan's, Failed. A. Oi **592**, 587.
Arctic Submarine. R.D. McWethy **595**, 955.
Argentina **345**, 1574. **349**, 432.
Armed Steamships and. **328**, 547.
ASW and the Modern Submarine. S.E. Wright, Jr. **842**, 62. **846**, 93.
Australia **283**, 1805. **337**, 398. **338**, 539.
Submarine Otway for Australia (Nbk) **792**, 158.
Axis Submarine Losses to Allied Submarines **547**, 1160.
Ballast Control Panel (ProfNote). J.T. Rigsbee **694**, 140.
Battle Cruiser **202**, 2070.
Battleships **242**, 677. **305**, 600.
Big-Gun **223**, 1437.
Big Ten: Our Trident Missile Submarine Class (C&D) **851**, 75. **856**, 99. **869**, 79.
Blimps Blast Subs. R.G. Picinich, Jr. **488**, 1324.
Brazil **331**, 858.
Brief for Submarine. A.C. Burrows **306**, 644.
Bring Back the Midgets (C&D) **780**, 108.
Canada's First (C&D) **772**, 107.
Catamaran Expeditions. D.W. Thomson **492**, 143.
Chapter in History of Submarines. G. Fulton **455**, 75.
Chasers **201**, 1937. **205**, 455.
Chile **323**, 61. **337**, 403.
Commerce Destruction—Past and Future. F. Pratt **381**, 1513. **384**, 251. **386**, 553. **393**, 1691.
"Confederate David" type **406**, 1816.
Confederate Navy, Submarines of. C.H. Blair **596**, 1115.
Confederate Submarine. H. von Kolnitz **416**, 1453.
Confederate Submarines (OldNav). G. Hagerman **895**, 74.
Confederate Submarines, Three. D.W. Thomson **455**, 39.
Confederate Submarines, Tragedy and. H.S. Mazet **471**, 663.
Construction Begun on 100th Nuclear Submarine (Nbk) **806**, 132.
Controversy Around Large or Small Submarines. J.B. Gautreau **260**, 1716.
Convoys **305**, 604.
Cruisers **266**, 614. **271**, 1792.
Depth Charges, Effect of. L. Doughty, Jr. **385**, 353. **390**, 1153.
Detectors **203**, 103. **211**, 1535. **321**, 986. **355**, 1371.
Diving Records **340**, 821.
Doctrine of Incremental Reduction. L.J. Holt **743**, 62.
USS Dolphin (AGSS-555)—The Navy's New Deep Diver (ProfNote). E.E. Lindsay **799**, 138.
Early: Bourne, Symons, Drebbel, Dionis, Day **468**, 176.
Endurance Cruises **612**, 211.
Engines **550**, 1505.
England **201**, 1935. **220**, 926. **237**, 1959. **240**, 319. **245**, 1177. **246**, 1339. **247**, 1495. **252**, 269. **254**, 627. **257**, 1143. **288**, 207. **305**, 599. **318**, 718. **325**, 237. **328**, 544. **329**, 646. **334**, 1137. **336**, 252. **337**, 398. **339**, 680. **340**, 821. **343**, 1262. **345**, 1573. **346**, 1707, 1716. **347**, 125. **349**, 428. **350**, 613. **351**, 781. **352**, 923. **353**, 1070, 1072. **354**, 1221. **356**, 1523. **357**, 1675. **358**, 1827.
Midget: Tirpitz Tale. B. Wilkinson **614**, 375.
Fenian Ram. C. Rucker **390**, 1136.
The 598 Overhaul (NewNav). R.B. Sims **743**, 150.
First of Six Rescue Subs is Ordered (Nbk) **761**, 154.
Flamm **254**, 640.
Flying Submarine (ProfNote). E.H. Handler **739**, 144.
France **202**, 2065. **238**, 2156. **255**, 812. **260**, 1716. **263**, 119. **272**, 1980. **300**, 146. **303**, 399. **323**, 58. **328**, 547. **335**, 112. **337**, 402. **342**, 1110. **344**, 1417. **345**, 1568. **346**, 1717. **347**, 126. **348**, 291. **349**, 431. **350**, 615. **352**, 925. **353**, 1074. **354**, 1224. **355**, 1373. **356**, 1525. **357**, 1676. **358**, 1827.
Fulton, Robert, and the Nautilus. D.W. Thomson **476**, 1397.
Future **275**, 134.
Future of Submarine in International Law. Cooper Morris **229**, 337.
Future Uses of Submarines. J.C. Hubbard **406**, 1721.
Germany **204**, 302. **253**, 459. **265**, 488. **349**, 428.
German Submarine Operations, 1914-1918. A. Gayer **278**, 621. **282**, 1572.
Midget **516**, 221.
Glorified Destroyer and Big Submarine **303**, 398.
Great Britain: Midget Submarines **529**, 286.
Grouper (AGSS-214) (NewNav). M.D. Bennett and J.D. Alden **733**, 156.
Guided Missile (U.S.): Pentagon Asks Polaris Refit Funds to Convert to Poseidon (Nbk) **775**, 148.
Habitability of. **300**, 145.
Human Mechanism and Submarine. E.W. Brown **453**, 1608.
Hunter-Killer Team (Pict) **567**, 549.
Importance of. **313**, 269.
International Law and Submarine. H.G. Rickover **391**, 1213. **406**, 1767.
Italy **328**, 549. **331**, 858. **337**, 402. **339**, 681. **345**, 1574. **348**, 291. **351**, 770. **355**, 1374. **356**, 1527. **358**, 1829.
Italian Submarines and Their Bordeaux Base. Aldo Cocchia **664**, 37.
Japan **225**, 1810. **258**, 1329. **287**, 95. **355**, 1394.
K-type: An Early Episode. R. Moses **416**, 1391.
Last Cruise of UB-88. J.L. Nielson **246**, 1275.
Law and Submarine. C.A. Eichelberger **581**, 691. **582**, 907. **585**, 1225.
Lindsay's Questions **306**, 689.
London Treaty, Submarines and. E.E. Hazlett, Jr. **406**, 1690.
Loop Aerials for. **207**, 777.
Midget Submarines
Bring Back the Midgets. P.R. Compton-Hall **774**, 44.
Midget: Too Little Too Late. J.B. Wilkinson **516**, 221. **520**, 837.
Mine-Layer Krab. A. Loukine **372**, 197.
Mines, Use of, Against Submarines. R.M. Grant **427**, 1275.
Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
Modern Submarine versus Major Warship. S.D. Willingham **458**, 513. **460**, 855.
Monitors **224**, 1629. **262**, 2068.
Mussolini's Views **320**, 900.
Navigator—Some of His Methods. R.W. McNitt **555**, 567.
Navy Seeks Faster Submarines (Nbk) **788**, 155.
Navy's Submarine Monopoly (ProfNote). C.A. Olds **735**, 132.
Net Defense **209**, 1142.
New Roles for the Submarine. P. Cohen **835**, 31. **845**, 99.
New York Times, re. **281**, 1391. **292**, 690.
Norway **237**, 1988.
Noxious Gases and. **350**, 637.
Nuclear-Powered Submarines
Impact of Nuclear Power on Submarines. G.W. Kittredge **614**, 419. **617**, 807. **619**, 1045. **621**, 1271.
The Nuclear Submarine: Riding High. W.J. Ruhe **864**, 55. **869**, 82.
"Underway on Nuclear Power"—Development of the Nautilus. S. Naymark **806**, 56.
U.S. Nuclear-Powered Submarines (Pict). E.L. Beach **774**, 87.
O-Boat Designation **444**, 307.
The O-5 Is Down! Julius Grigore, Jr. **828**, 54. **837**, 94. **838**, 88.
Our Submarines' Victory in the Pacific **547**, 1147.
Peru: An Early Submarine. Alberto Jiménez **647**, 89.
Polaris Duty, Pinnacle or Predicament? J.T. Howe **774**, 26. **777**, 108, 109. **779**, 105, 106, 107, 108.
Polaris Subs Due in Pacific (Nbk) **736**, 152.
Policy of U.S. **333**, 1036.
USS Porpoise and Ken Whiting (OldNav). George Van Deurs **835**, 80.
Postwar Snorkel Developments (ProfNote). B.A. Gastrock **704**, 143.
Problem of. **276**, 332.
Propulsion of. **240**, 341.
Rapid Trimming of. **214**, 2038.
Rescue Vessels **317**, 630. **318**, 717.
Rocket Firing Submarine. M.E. Holbrook

Submarines (Cont.)
Rocket Firing Sub (Cont.) **575**, 47.
Russia **355**, 1378.
Safety Devices **223**, 1471. **225**, 1806. **247**, 1500, 1570. **285**, 2337. **302**, 321. **304**, 499. **305**, 602. **306**, 692. **308**, 909. **314**, 332. **318**, 720. **320**, 896. **325**, 232. **331**, 853. **357**, 1610.
Seaplanes for. **351**, 781.
Sizes, Submarine. E.W. Burrough **298**, 1292. **299**, 54. **306**, 683.
Sonar and Asdic, Anti-Submarine Sisters. M. Prendergast **546**, 1009.
Sonar, Secret Weapon of Sea. J.M. Ide **530**, 439.
South Africa Lets Submarine Contract (Nbk) **778**, 154.
Soviet Admiral Speaks on Submarines (Nbk) **834**, 119.
Soviets Seek to Buy a U.S. Submarine (Nbk) **772**, 153.
Spain **328**, 548.
Isaac Peral and His Submarine. C.H. Hilton **645**, 1194. **650**, 444.
Stalking the Takao in Singapore Harbor. G.W. Kittredge **650**, 392. **652**, 392. **653**, 779.
Statistics **238**, 2157, 2186. **246**, 1376. **253**, 458. **346**, 1707. **349**, 431.
Submarine Safety (ProfNote). R.V. Dickieson **785**, 126.
Submarine School—U.S. Naval: Officers Submarine School (ProfNote). G.E. Synhorst **778**, 140.
Submarine Tactical Training (ProfNote). T.A. Long, Jr. **818**, 105.
Submarine Telegraph Works, The Tactics of. T.W. Rae **2**, 33.
Submarine Torpedo System, Captain Ericsson (Rev.). W.W. Kimball **17**, 339.
The Sultan's Submarine. V.L. Collins **860**, 66.
Sweden **355**, 1378.
Submarine. A. Pollen **294**, 898.
Submarine and Antisubmarine: A Perspective (C&D) **835**, 84.
The Submarine-Aircraft Carrier (ProfNote). C.C. Abt **728**, 149.
Submarine Capabilities and Limitations. W.D. Baker **270**, 1398.
Submarine Defense Insurance: National Insurance Policy, ASW Coverage. T.D. McGrath **783**, 46. **789**, 113.
Submarine Detector **72**, 831.
Edison Submarine Detector (1918) **188**, 2382.
Submarine Development (C&D) **840**, 88.
Submarine Development Continues, Quiet (Nbk) **792**, 154.
Submarine Disasters in Peacetime, 1900-1971 (NavRev). C.L. Somers **831**, 319. **837**, 91.
Submarine Duty
Hardships Aboard Submarines **173**, 1481.
Physical Effects of Submarine Duty **173**, 1562.
Submarine Electric Illumination. J.B. Briggs (Tr.) **46**, 604.
Submarine Escape
The Steinke Hood (ProfNote). N.E. Nickerson **704**, 147.
Underwater to Freedom (ProfNote). M.W. Martin **806**, 119.
Submarine Explosion **37**, 252.
Submarine Force: Quiet Crisis in the Silent Service. T.B. Thamm **822**, 50. **827**, 85. **830**, 98. **832**, 110, 111.
Submarine-Launched Ballistic Missile Threat: ASW—Now or Never. J.A. Winnefeld and C.H. Builder **823**, 18.
Submarine Medicine, Five-Year Plan for (Nbk) **782**, 137.
Submarine Memorials (Pict.) G.M. Hagerman **829**, 77. **832**, 107. **833**, 93. **835**, 93.
Submarine Mines
in Relation to War. G.S. Clarke. C.S. Sperry (Rev.) **55**, 599.
Scandinavian, Experiments with. W.H. Beehler, Tr. **16**, 121.
Submarine Missile Range Extended (Nbk) **797**, 155.
Submarine Nets
Chain Nets **159**, 1687.
Efficiency of Submarine Nets **163**, 967.
The Submarine Net at Hampton Roads **170**, 842.
Submarine "Net" Sought (Nbk) **792**, 154.
Submarine Oil Tanker Economics Questioned (Nbk) **813**, 107.
Submarine or Submersible? **595**, 1026.
Submarine Passage of Gibraltar Straits **669**, 107.
Submarine Replenishment: An Unusual Unrep (C&D). F.C. Collins, Jr. **786**, 104.
Submarine Rescue and Salvage
Buoyant Escape. G.W. Kittredge **662**, 60.
"For Those in Peril..." (ProfNote). W.R. Bryant **878**, 105.
Sub-Rescue Plan Submitted (Nbk) **737**, 140.
Submarine Rescue Operations: Diving on the Wreck of Texas Tower No. 4. A.B. Crabtree **721**, 55. **732**, 112.
Submarine Rescue Ships
Navy Builds Catamaran Rescue Ship (ProfNote). H.E. Steinke **791**, 128.
Navy Develops ASR Rescue Ships (Nbk) **782**, 136.
Submarines and Disarmament Conferences. W.S. Anderson **287**, 50. **289**, 339.
Submarines As Sensors **835**, 35.
Submarines in the Arctic **701**, 100.
Submarine's Long Shadow. R.H. Smith, Jr. **757**, 30. **760**, 117, 118. **763**, 116.
Submarine Service for Profit and Pleasure. J. Kirkpatrick **313**, 193. **316**, 529.
Submarine Support Program, New Naval Reserve (ProfNote). L.P. Montanaro **846**, 112.
Submarines Used as Gunboats: See: J.D. Alden: "Away the Boarding Party".
Submarine Watch Officer. L.J. Stecher **205**, 355.
Submarine Weapon of the Future **723**, 116.
Submarine Will Last Despite Foes. H.C. Bywater **286**, 2540.
Submersible or Surface Ships? **208**, 927.
Tactical Horsepower of Submarines. W.J. Holmes **346**, 1616. **350**, 589.
3 Atomic Subs to Be Enlarged (Nbk) **733**, 149.
Those Mysterious Midgets. A.J. Stewart **862**, 54. **866**, 86, 87. **868**, 83.
Thresher (SSN-593). E.W. Grenfell **733**, 37.
Top Submarines in Two World Wars (Pict). Bodo Herzog and Allison Saville **703**, 90.
Tourist Submarine Auguste Piccard (Nbk) **742**, 157.
Treasury of Early Submarines, 1775-1903 (Pict) **771**, 97. **776**, 111. **778**, 104. C&D: **783**, 112.
Turkey **350**, 621.
Two Midget Submarines Launched (Nbk) **761**, 166.
Types and Tactics. B. Livingston **433**, 311.
U-Boats, Fighting the. C.C. Hanks **406**, 1685.
Unidentified Submarines Sighted in Pacific (Nbk) **787**, 156.
Weight, Excess, in Submarines. C.G. Rucker **406**, 1755.
What Risk Does Submarine Run? **583**, 993.
Submarines—Accidents
Bavern and Fylgia **355**, 1378.
British Submarines in Turkish Waters. H.H. Frost **242**, 647.
Curie **201**, 1908.
Deutschland (Ger.) **225**, 1807.
Foucault **201**, 1909.
Fresnel **201**, 1908.
H-33: **357**, 1675.
H-42 (Eng.) **232**, 1020.
H-47 (HMS) **319**, 806.
K-4 (Eng.) **355**, 1372.
K-4 (Neth.) **227**, 144.
K-13 (HMS) **203**, 104.
K-14: **355**, 1372.
K-17 and Fearless **355**, 1372.
K-22: **355**, 1372.
L-24 (HMS) **253**, 446.
Lessons of Submarine Disasters. J.B. Gautreau **254**, 635.
M-1 (HMS) **276**, 332.
M-2 (Eng.) **349**, 428. **350**, 614. **351**, 781. **352**, 923. **355**, 1371.
Monge **201**, 1909.
No. 9 (Rus.) **341**, 974.
No. 43 (HIJMS) **255**, 822. **256**, 991.
No. 75 (HIJMS) **246**, 1347.
O-5: **356**, 1531.
Persee **357**, 1676.
Russian **355**, 1378.
S-4 (USS) **300**, 163.
S-48 (USS) **228**, 290.
S-51: **288**, 137.
Submarines—Com. China
Chinese SSBM Submarines in Service (Nbk) **783**, 144.
Red China Has Missile-Firing Sub (Nbk) **765**, 172.
Submarines—France
French Polaris (ProfNote). G.J. Geiger **790**, 141.
French Submarine Force. Claude Huan **756**, 42.
French Launch First Atomic Submarine (Nbk) **773**, 152.
Submarines—Germany
Action in World War I. R.H. Barnes **476**, 1440.
Caribbean, Battle of. C.A. Smith **619**, 976.
Cruise of the U-53. Wellington Long **764**, 86.
Deutschland—Merchant Submarine. Francis Duncan **746**, 68. **750**, 120.
Escort-of-Convoy, Still the Only Way. R.A. Bowling **802**, 46. **808**, 111, 112.
German Midget Submarines **661**, 102.
German U-Boat Construction. Karl Heinz Kurzak **626**, 375.
German Submarine War. C.H. Spilman **532**, 683. **535**, 1107. **539**, 83. **544**, 763.
Graphical Analysis of U-Boat Activities, 1917-18. W.W. Robertson **471**, 672.
How Many U-Boats Have Been Sunk? R.M. Grant **465**, 1598.
Known Sunk—German Submarine War Losses, 1914-1918. R.M. Grant **419**, 66. **421**, 409. **424**, 889. **426**, 1183. **438**, 1187.
Live Men Do Tell Tales (U-582 and Peleus). R.M. Langdon **587**, 17.
Q-Ship—Cause and Effect. R.W. Smith **603**, 533. **606**, 899, 900.
Radar and the U-Boat. J.A. O'Connell **727**, 53. **738**, 123.
"Stay Tough". J.M. Waters, Jr. **766**, 95. **770**, 108.
Three Aces—Trumped! Donald Macintyre **643**, 923.

U-Boats Off Our Coasts (Pict). J.E. Eise, Jr. **752**, 84.
U-Boat With Wings. R.D. Layman **782**, 54. **786**, 114. **788**, 110. **792**, 110.
Weapon That Came Too Late. A.N. Glennon **697**, 85. **703**, 102, 103, 104.
Submarines--Great Britain
Britain Now Has Three Nuclear Subs (Nbk) **776**, 147.
Britain Set to Build Four Polaris Subs (Nbk) **722**, 162.
British A-Sub "Cracking Up" (Nbk) **766**, 172.
British Lay Keel for Polaris Sub (Nbk) **735**, 151.
British Polaris Renown Launched (Nbk) **773**, 153.
British Polaris Sub Is Due in '68 (Nbk) **732**, 149.
British Submarine Operations in World War II. N.J. Gilbert **721**, 73. **727**, 103.
Churchill to Join Atomic Submarines (Nbk) **758**, 176.
Fifth Polaris Submarine Cancelled (Nbk) **748**, 168.
First British SSBN Test-fires Polaris (Nbk) **783**, 143.
His Majesty's Submarines. W.L. Robinson **473**, 970.
Metal Flaws Forces Withdrawal of 1st British A-Sub (Nbk) **754**, 169.
Midget Submarine, Life in. G.V. Galwey **530**, 421.
New Boats for the Royal Navy's Submarine Service (ProfNote). D. Wettern **675**, 146.
New British Polaris Submarines (Nbk) **796**, 157.
New Dreadnought Ready (Nbk) **730**, 167.
Submarines Leave Mediterranean (Nbk) **741**, 150.
U.K. to Order 10th Nuclear Sub (Nbk) **771**, 159.
Submarines--Japan
First Submarines. R.H. Barnes **480**, 201.
Japanese Submarine Tactics. Kennosuke Torisu and Masataka Chihaya **696**, 78.
Kaiten--Japan's Human Torpedoes. Yutaka Yokota and J.D. Harrington **707**, 55. **713**, 118, 119.
Last of the Midgets (ProfNote). J.F. Riley and B.L. Delanoy **706**, 127.
Midget **469**, 453. **507**, 553.
Sneak Craft Attack in Pacific. J.B. Wilkinson **529**, 279.
Sydney Attack: High Spot of Pacific. W.C. Ford **507**, 551.
Three Japanese Submarine Developments. H. Fukaya (M.E. Holbrook, Ed.) **594**, 863.
"Underseas Carriers." E.J. Long **568**, 607.
Submarines--Russia
Japanese Sources on the L-16 Incident (C&D) **777**, 111.
L-16--Mystery No Longer **707**, 115.
L-16 Sinking--No Mistake, Just Dirty Work **724**, 118.
1,000 Submarines--Fact or Fiction. B.M. Kassell **577**, 267.
Red Fleet Has 30 Missile-firing Subs (Nbk) **720**, 160.
Soviet Atomic-Powered Submarine Visits North Pole (Nbk) **724**, 164.
Soviet Science Submarine (Nbk) **731**, 141.
Soviet Submarine Force (Pict). R.D. Wells **822**, 63. **826**, 91. C&D: **832**, 108.
Soviet Submarine Lag (Nbk) **725**, 160.
Soviet Submarines Cruise Around the World (Nbk) **760**, 156.
Soviet Submarine Threat--Past, Present, and Future. T.T. Holme, Jr. **822**, 60.
Soviet Union and Its Submarine Forces. C. Huan **653**, 734.
Submarines--United States **259**, 1540. **280**, 1212. **326**, 339. **330**, 711. **331**, 853. **334**, 1136. **337**, 400. **338**, 536. **351**, 762. **354**, 1219, 1228. **356**, 1531.
Building U.S. Submarines in World War II. H.F.D. Davis **521**, 933.
Bushnell, D. **427**, 1279.
Cruise of American Unterseeboot 111. F.A. Daubin **649**, 259.
Deep Battleground. C.W. Rush, Jr. **661**, 73.
Deep Diving Submarine (ProfNote). Anthony Harrigan **709**, 132.
Deep Sub with Motors Outside Hull (Nbk) **729**, 132.
Defense Against Nuclear-Powered Submarines. R.A. Weatherup **682**, 71. **692**, 113.
First Fifty Years of U.S. Submarines (Pict) **645**, 1213.
For Whom the Polaris Submarine Is Habitable. A.S. Levine **680**, 32.
Glass-Hulled Sub Next in Navy Future (Nbk) **719**, 158.
Growing Role of the Submarine. E.W. Grenfell **719**, 49.
Holland, Submarine Torpedo Boat. F.T. Cable **480**, 173.
Influential Midshipman Observation **668**, 105.
Interior Decoration for Submarines. H.S. Dewey **573**, 1183.
International Law and the Future of Submarine Warfare. Alex A. Kerr **632**, 1105.
Navy Building New Experimental Deep Diving Submarine, Dolphin (Nbk) **720**, 156.
New Navy Sub: Bantam Killer (Nbk) **729**, 136.
Nuclear Powered Submarines
Future of Nuclear-Powered Submarines. I.J. Galantin **664**, 23.
Last Navy Polaris Submarine Launched (Nbk) **773**, 147.
Nuclear Power and Guided Missiles (ProfNote). J.T. Rigsbee **689**, 117.
Polaris Record Gets High Marks (Nbk) **777**, 146.
One Last Look. I.E. McMillian **545**, 862.
Palawan Rescue. R.C. Burns **568**, 652.
Preparation of Submarines Pacific for War. T. Withers **566**, 387.
"School of the Boat" for the Nautilus Dean L. Axene **633**, 1229.
Sentinels Under the Sea (Pict). B. Gallagher **715**, 85.
Servicing Silent. R.H. Bowers **609**, 1195.
Simon Lake and His Early Submarines **649**, 325.
Story of the Holland Submarine (Pict). R.K. Morris **683**, 79.
Submarines in Search of Strong Steel (Nbk) **726**, 138.
Tang-Class Tubes **651**, 551.
Turtle Boat, Robert Fulton's. W.B. Rowbotham **406**, 1746.
Turtle: David Bushnell and First American Submarine. D.W. Thomson **468**, 176.
Turtle: First American Submarine. H. Sanders **406**, 1743.
Two-Man Submarine to Seek Out Secrets of Depths for Navy (Nbk) **720**, 152.
War Production of. **245**, 1187.
Water Losses from Submarine Storage Batteries. J.F. Madden **339**, 606.
Weapon of the Weak **357**, 1671.
Women, Thirteen, in Submarine. T.C. Parker **569**, 717.
Submarines--Warfare
American Operations in World War. C.S. Alden **208**, 811. **209**, 1013.
Book Review **249**, 1952. **324**, 171.
British Submarines in Turkish Waters. H.H. Frost **242**, 647.
Escort-of-Convoy, Still the Only Way. R.A. Bowling **802**, 46. **808**, 111, 112.
German Statistics **235**, 1584. **248**, 1718. **349**, 428.
New International Law for the Submarine? W.O. Miller **764**, 96.
Night Fight Off Oran. Harry Sanders **791**, 56. **795**, 114, 115. **805**, 92. **814**, 83.
Protection Against Under Water Attack. T.L. Schumacher **246**, 1261.
Submarine in War **207**, 785. **209**, 111. **246**, 1373. **312**, 159. **326**, 355.
Submarines in War Zone. H.F. Cope **330**, 711. **334**, 1132.
Unlucky in June: Hiyō Meets Trigger. E.L. Beach **650**, 376.
Value of Submarine in Warfare. Adm. Spinder **279**, 835.
Submarine Signalling
Berger System of Submarine Signalling (1913) **149**, 257.
Electric Submarine Bell (1908) **128**, 1354.
Experiments in Submarine Signalling, 1905: **116**, 1033. **121**, 439.
French Submarine Signalling Experiment, 1908: **128**, 1353.
New Method of Submarine Signalling (1914) **152**, 1237.
Recent (1914) Developments in Submarine Signalling **155**, 218.
Submarine Signalling (1907): **122**, 891. (1915): **158**, 1321.
Submarine Signalling by Means of Sound. J.B. Millett **114**, 532.
Submarine Tenders
Polaris
See also: New Navy, USS Hunley (AS-31).
New Submarine Tender, Holland (AS-32) (Nbk) **723**, 160.
Proteus--Polaris Pioneer (NewNav). L.C. McCarty **755**, 166.
Russians Watch U.S. Sub Tender (Nbk) **754**, 167.
Submarine Warfare
See also: Commerce Destroying; European War--1914-1918; Submarine Operations; Russo-Japanese War; Submarine Boats; Torpedoes; Zig Zag Course.
Hislam, P.A.: The White Flag: A Problem in Submarine Warfare **161**, 275.
Hoff, A.B.: The Submarine as an Enemy **114**, 383.
Jellicoe, J.R.: On efficiency of small craft against submarines **171**, 1083.
Neeser, R.W.: Role of kite balloon in anti-submarine operations **186**, 1924.
Nimitz, C.W.: Military Value and Tactics of Modern Submarines **144**, 1193.
Sims, W.S.: Limitations of the Submarine **173**, 1559.
Stirling, Yates: The Submarine **173**, 1371.
Aircraft vs. U-Boats **173**, 1520.
Chain Nets as Submarine Defense **159**, 1687.
The Destroyer and the Torpedo **181**, 668.
The Gun as an Answer to the Submarine **175**, 2144.
Gun Rafts vs. Submarines **177**, 2623.
Is the Battleship Doomed? The Submarine Menace **135**, 907.
Is There Any Defense Against the Submarine? **156**, 576.
Limitations of the Submarine **160**, 2071.

Submarine Warfare (Cont.)
Moving Targets and Torpedo Attack **188**, 2395.
Overcoming U-Boat Activities **174**, 1904.
The Problem of Anti-Submarine Defense **161**, 267.
Protection Against Submarines **169**, 605.
Speed of Submarines: Its Value **146**, 885.
Speedy Ships vs. U-Boats **186**, 1921.
The Submarine Problem **175**, 2096.
Submarines the Weapon of the Weaker Power **159**, 1683.
True and False Anti-Submarine Strategy **174**, 1842.
Zig Zag Course as a Defense Against Submarines **174**, 1837.
Submersibles
American Bureau of Shipping and Commercial Submarines (ProfNote). A. Neilson **787**, 133.
Commercial: Master Mariner to Master Submariner? E.F. Oliver **770**, 40. **774**, 106. **776**, 103, 104.
"For Those in Peril..." (ProfNote). W.R. Bryant **878**, 105.
Nondum Paratus for Deep-Sea Disasters. P.A. Joseph **864**, 33. **868**, 80.
Submersibles with Panoramic Visibility (ProfNote). H.R. Talkington **866**, 102.
Subsidies: See: Merchant Marine.
Subsidies and Competition, Merchant Marine. J.J. Clark and M.T. Norton **767**, 70. **771**, 116. **772**, 110. **773**, 113, 114, 115. **775**, 107.
Subsidy
Ship Subsidies in Foreign Countries **133**, 32.
The Ship Subsidy **133**, 6.
Subspecialties: Training and Education--Subspecialty: A Reality (ProfNote). C.C. Vernam **853**, 114.
Success
Both Sides of Question. J.O. Hoffman **321**, 938.
Character and Success. A.H. Rooks **311**, 38.
Elements of Success: How to Succeed... By Really Trying. E. Whitehead **748**, 68. **753**, 113.
High Price of. R.J. Hanks **782**, 26. **787**, 109. **792**, 109. **797**, 111.
Suction
Collision Between HMS Hawke and the RMS Olympic **140**, 1377.
Effects of Wakestream and Suction **173**, 1574.
Handling Vessels in Restricted Waters. F.E. Nelson **304**, 446.
Hawke-Olympic Collision. D.W. Taylor **141**, 283.
Hydraulic Interaction Between Passing Vessels, Called "Suction." S.A. Reeve **140**, 1347.
On an instance of suction between vessels. R. Earle **141**, 302.
On "Suction". A.H. Gibson and J.H. Thompson **147**, 1367.
Suction Between Passing Ships **154**, 1825.
Suction from Stream-line Cause of Collisions? **132**, 1313.
Suction the Cause of British B-2 and Amerika Collision? **144**, 1653.
Titanic and the New York **142**, 806.
Sudan, Egypt: Gunboats in the Desert. C.L. Parnell **789**, 74.
Suddath, T.H.
ASW vs AAW: Question of Direction (Pearson) (C&D) **811**, 93.
Design of Naval Weapons (C&D) **756**, 107.
Navy Department: The Fulcrum and the Balance (C&D) **778**, 109.
Numerical Task Organization (C&D) **777**, 104.
Role of U.S. Navy in Mine Warfare (C&D) **751**, 108.
Transmodalism (C&D) **785**, 97.
Suddath, Tom: With Due Regard to All Dangers of Navigation (anec) **662**, 31.
Suez Canal **205**, 480. **345**, 1567.
See also: Beyond Suez--A New Dimension of Sea Power.
Around the Cape of Good Hope, Not Suez (ProfNote). A. Harrigan **783**, 131.
Asia Minor and the Suez Canal **185**, 1721.
Clearance Ops
Nimrod Spar: Clearing the Suez Canal. J.H. Boyd, Jr. **876**, 18.
Return to Egypt (ProfNote). J.M. Lang **876**, 98.
Draft Allowed Increased to 30 Feet **152**, 1254.
Legal Background to Suez Crisis. C.W. Koburger, Jr. **649**, 315.
1916 Toll Increase **166**, 2048.
Panama Canal in International Law. H.S. Knapp **145**, 95.
Real Status of Panama Canal as Regards Neutralization. H.S. Knapp **133**, 85.
Reopening of Suez: Who Gains? Who Loses? (ProfNote). J.M. Garner **860**, 103.
Suez and the Indian Ocean. O.E. Clubb **654**, 829.
Suez and the Soviets. Shlomo Slonim **866**, 36. **871**, 82.
Suez Canal Traffic, 1904: **113**, 251. 1914: **157**, 960.
Tankers Are Threat to Suez Canal (Nbk) **788**, 157.
Suffolk (Eng.) **262**, 2068. **348**, 290.
Description **105**, 260.
Suffolk County (U.S.): See: Cover Pictures--May 1958.
Suffren (Fr.) **328**, 546. **336**, 256. **337**, 401. **350**, 615. **352**, 924.
Description **102**, 324.
Loss of the Suffren **167**, 196. **168**, 408.
Suffren, Bailli de: Strategy and Tactics of. See: Darrieus, War on the Sea **125**, 157.
Suffren, P.A. de: Apostle of Action. C. Moran **421**, 315.
"Sugar Boats or Submarines?" Masatake Okumiya **786**, 66. **789**, 108.
Suicide Craft: Sneak Craft Attack in Pacific. J.B. Wilkinson **529**, 279.
Suicide Flotilla. H.F. Breckel **292**, 661. **295**, 1002. **301**, 219.
Suicide Planes: See: Kamikaze.
Suicide Squadron. R.H. Gibson **359**, 57.
Sullivan, A.D.: Case Against Preventive War **581**, 701.
Sullivan, D.D.: Student Aviators and Naval Aviation **699**, 69.
Sullivan, Daniel P. **628**, 700.
Sullivan, E.P.
Adriatic: Soviet Seaway Someday? **834**, 26. **840**, 97.
Battle: No Longer the Pay-off? (Possony) (C&D) **817**, 90.
Bear That Swims Like a Fish (Tolley) (C&D) **830**, 98.
A "New" China Policy? (Duffee) (C&D) **832**, 107.
Policy and the Political Geographer (Winters) (C&D) **810**, 96.
Sullivan, F.M.: In Full Command (anec) **835**, 61.
Sullivan, J.D., and H.A. Caldwell, Jr.: The Soviet Aircraft Carrier (Polmar); U.S. Observations of the Kiev (Kehoe); The Kiev: A German View (Schulz-Torge) (C&D) **897**, 80.
Sullivan, J.F.: Army's Floating Aircraft Maintenance Facility (ProfNote) **761**, 148.
Sullivan, P.H. **642**, 877.
Sullivan, R.P.: Pictorial--Submarine Memorials (Hagerman) (C&D) **833**, 93.
Sullivan, R.S.: Just Another Ensign (anec) **854**, 76.
Sullivan, T.J. **693**, 102.
Sullivan, T.L. **440**, 1532. **650**, 444.
Sullivan, W.A. **678**, 121.
Wreck of USS Tacoma **257**, 1062.
The Sullivans (U.S.) **497**, 823.
Sully (Fr. cruiser): Loss of. **113**, 200.
Sulphuric Acid Plant, Navy's. H.M. Coster **337**, 317.
Sultana (U.S. SS): Worst Marine Disaster in U.S. History. R.P. Dillon **562**, 1387.
Sultane (Fr.) **356**, 1525.
Sultan Osman I (Turk. battleship)
Description **153**, 1493.
Taken Over by Great Britain **153**, 1493.
Sultan Selim (Turk. cruiser): See: Goeben (Ger. cruiser) Original name of Sultan Selim.
Sulzberger, A.O.: Concept for Catastrophe **602**, 399.
Sumatra: Attack on Quallah-Battoo. R.F. Daley **605**, 767.
Summary of Other Major Military Forces as of 31 December 1969 (NavRev) **807**, 464.
Summerall, C.P.: Morale and Leadership **330**, 767.
Summerfield, E.R.: Protection of Merchant Shipping: Forgotten Lessons **739**, 40.
Summers, H.G., Jr.: Communist China and the United States--The First Step **830**, 54.
Summit Conference, NATO. H.H. Smith-Hutton **663**, 85.
Sumner, T.H. **416**, 1525.
Captain Thomas Hubbard Sumner of Sumner Line Fame. P.V.H. Weems **419**, 61. **423**, 735.
Sumner (ex-Rhaetia): Unidentified Floating Objects. F.O. Braynard **808**, 52.
Sumner Bisectrix. L.V. Kielhorn **307**, 753.
Sumner Lines: See: Altitude and Azimuth; Navigation.
Sumnu, Erdogan
Loss of the Turkish Frigate Ertugrul (OldNav) **837**, 80.
Submarine Disasters in Peacetime, 1900-1971 (Somers) (C&D) **837**, 91.
Sumrall, Robert F.
Destroyer Named Smith (Pict) **833**, 70. **837**, 87.
Ship Camouflage (WWI): Deceptive Art (Pict) **821**, 57. **825**, 95. **826**, 92. **840**, 90.
Ship Camouflage (WWII): Deceptive Art (Pict) **840**, 67. **846**, 92.
Sumter (Confed.) **341**, 870. **349**, 394. **354**, 1199.
Sumter (U.S.) **547**, 1163.
Sun
Eclipse **329**, 603. **338**, 461.
Gyroscopes and Satellites. G.L. Dillman **311**, 17.
Spots Affect Radio Short Waves **340**, 833.
Sunderland, A.H. **377**, 993.
Sunderland, Bruce: Down the Chain Pipe (ProfNote) **801**, 149. **805**, 91.
Sunderland, M. **576**, 208. **579**, 547. **634**, 1383.
Worm's-Eye View of Promotion **440**, 1482.
Wrong Kind of Replacement (anec) **647**, 77.
Sunderland, Riley **702**, 104.
Our Future Military Strength **497**, 817.
Riddle of West **541**, 287.
Soldier's Relation to Foreign Policy **487**, 1170.
Sundowner Par Excellence, Navy. J.J.

Clark **820**, 54. **825**, 85.
Sundt, Jean: Junior Officer Retention (Harris) (C&D) **823**, 92.
Sunnadin (U.S.) **458**, 512.
Sunset: Blue Flash. N.M. Kindell **591**, 557.
Sun-Sin, Yi **317**, 589.
Sun Tzu Maxims **435**, 714.
Sun Yat-sen: Homer Lea--Interloper on History. J.C. Kimball **830**, 61.
Sup, S.A.: Portrait of Proficiency: USCGS Dallas (WHEC-716) (ProfNote) **792**, 137. **797**, 112.
Superb (HMS)
Illustration **131**, 631.
Launched; description **124**, 1520.
Supercharging: See: Engines.
Superheaters
Sugden Superheater **177**, 2642.
Superheaters in the Britannia, 1907: **121**, 404.
Super Ile de France: See: Normandie (SS).
Supernatural: Ghosts: The Maimyo and the Tricouleur. G.E. Robinson **664**, 85.
Super Sea Buoys: Lightships to Super Sea Buoys? (ProfNote). E.F. Oliver **776**, 131.
Supersonics and Aviation Medicine. J.W. Welsh **550**, 1533.
Superstition: See: History.
Supplies
See also: Logistics; U.S. Navy--Supplies and Stores.
Commissary, Central, English Navy **333**, 1039.
Costs Compared **335**, 115.
Current Quarterly Allotment. A.H. Bateman **370**, 1732.
Dollar at Sea. P.P. Blackburn **236**, 1707.
Economics and Navy. K.C. McIntosh **298**, 1263.
Fleet Issue of Provisions. M.A. Peel, Jr. **481**, 358.
Fleet Service Unit Concept. M.A. Peel, Jr. **536**, 1199.
Gasoline Contract **348**, 302.
General Mess of Destroyer. R.E. Rogers **303**, 360.
Ideal Navy Supply Depot. W.D. Sharp **228**, 251.
Immunity of Food Ships **323**, 77.
Inventory Control Hits the Fleet. L. Lee, Jr. **556**, 673.
Navy Advances in Business Management. L. Lee, Jr. **539**, 43.
N.I.S. J.C. Busby **608**, 1115.
Navy's Inventory Control Program. L. Lee, Jr., and M.A. Peel, Jr. **537**, 1363.
Navy Seeks Business Efficiency as Well as Combat Efficiency. L. Lee, Jr. **562**, 1389.
Navy Supply Department in War Time. G.P. Dyer **205**, 379.
New Job for Supply Corps. T.E. Hipp **298**, 1303.
Ration Reporting Under Adverse Conditions **651**, 556.
Seabee Supply Was Big Business. J.L. Howard **527**, 41.
Simple Method of Supply for Small Ships. T.C. Gibbs **488**, 1346.
Supplies for Navy. C. Morris **308**, 854.
Supplies for the Atomic Fleet (ProfNote). T.D. McGrath **656**, 1129.
Supply (U.S.) **355**, 1333.
Supplying the fleet for 150 Years. J.W. Crumpacker **508**, 705.
Supply Ship. R.G. Lang **264**, 268.
Victuals, Vitamins and Victory. J.H. Skillman **345**, 1522. **350**, 592.
Supplies and Logistics
Antarctic Logistics (ProfNote). D.M. Tyree **679**, 121.
Carrier On-Board Delivery (Nbk) **753**, 154.
A Chain of Ships (Pict). E.F. Oliver **801**, 92.
Command of the Navy Supply System (C&D). L. Lovig, Jr. **755**, 119.
Crash Programs and the Logistic Snowball. H.E. Eccles **697**, 68.
Evolution of Antarctic Logistics (Pict). H.M. Dater **763**, 98.
Fighting a Logistics War in the Laboratory (ProfNote). L.B. Kelley **679**, 126.
Future Concepts of Mobile Logistic Support. R.C. Disher **676**, 48. **680**, 98.
Logistical Readiness. G.C. Dyer **687**, 51.
Logistics Employment of Airships (ProfNote) **679**, 130.
Logistics Management in the Fleet. R.R. Campbell **728**, 83. **734**, 112.
MARKET TIME Mother Ship (ProfNote). W.R. Harris **766**, 148.
Military Worth (ProfNote). W.H. Marlow **679**, 125.
Mobile Logistic Support for the Fleet (ProfNote). G.R. Donaho **679**, 129.
Norfolk Naval Supply Center (ProfNote). Jack Gonzales **720**, 138.
NSD, Mechanicsburg. W.V. Kennedy **640**, 649.
Ours Not To Reason Why (C&D) **811**, 97.
Polaris Logistics (ProfNote). D.W. Whelan **762**, 138.
Refinements in Mobile Support. J.C. Busby **644**, 1082.
Replenishing the Nuclear Navy. M.H. Lytle **680**, 56.
Replenishment at Space (ProfNote). J.E. Jenkins **679**, 133.
Sea Van Ship (ProfNote). R. Ironmonger **701**, 130.
Supply Overhauls (ProfNote). W.C. Salembier **760**, 150.
Sustaining an Air-Atomic Navy. C.L. Henn **651**, 471.
Time to Secure the Seas. F.B. Case **846**, 24. **853**, 101. **858**, 96.
Supply Corps
Bureau of Supplies and Accounts: Pictorial **553**, 343.
Ships and Shoes and Sealing Wax. K.C. McIntosh **552**, 135.
Staging Is No Holiday Frolic. J.L. Howard **554**, 395.
Training Reserve. J.J. Lennox **375**, 647.
Supply Officer: Ours Not to Reason Why (C&D) **811**, 97.
Supply School, Naval Finance and. D. Potter **402**, 1138.
Supply Service, Naval, Germany's Secret. R.O. Stratton **608**, 1085.
Support Ships
Mine Countermeasures Support Ship (Nbk) **723**, 158.
Navy Concept for Force Support Ship (Nbk) **775**, 153. C&D: **780**, 107.
Support Ship for Inner and Outer Space, One? W.H. Kumm **813**, 28.
Support Squadrons: Air Logistics and Fleet Support in the Navy: A New Career Path? (ProfNote). H.B. Bartels **896**, 92.
Supreme Headquarters Allied Powers Europe: SHAPE's New Headquarters (ProfNote). R.J. Barrett **797**, 139.
Suraga (SS): Struck by Torpedo **180**, 452.
Surcouf (Fr.) **323**, 58. **337**, 402. **347**, 126. **354**, 1224. **358**, 1828. **621**, 1271.
Surdyk, E.E.: Farewell to "Spads" (C&D) **754**, 117.
Surface Condenser, The Wheeler
Types of Pumps... C.H. Manning **17**, 335.
Whitham, J.M. **24**, 303.
Worthington, W.F. **42**, 479.
Surface Effect Ships
One-Day Atlantic Crossings Seen For (Nbk) **804**, 127.
Plan for (Nbk) **777**, 155.
60-Knot Landing Force. M.J. Hanley **769**, 45. **774**, 103.
Strategic Mobility: Impetus for a Southwest Passage. J.W. Dindinger **878**, 33. **881**, 82. **883**, 82.
Surface Effect Ships. M.J. Hanley, Jr. **765**, 34. **769**, 110.
Surface Effect Ships in the Surface Navy. R.C. Truax **850**, 50. C&D: **856**, 93.
Surface Effect Vehicles: A Perspective (ProfNote). J.F. Sladky, Jr. **878**, 101.
Surface Force Integration: The Surface Forces. R.S. Salzer **885**, 26. **889**, 75, 76. **890**, 84. **894**, 71. **895**, 92.
Surface Forces: ASW: Some Surface Views (ProfNote). W.T. Bramlett, II: **878**, 99.
Surface Line Officer
The Black Shoe: Back in Fashion. P.M. Shepherd **862**, 38. **866**, 77.
Some Conn, Some Can't (C&D) **839**, 87, 89, 90.
Surface Ship Bridge Control System (SSBCS): A Modular Surface Ship Bridge Control System (ProfNote). J.G. Dimmick **883**, 98.
Surface Ships: The Combat Systems of Surface Warship (NavRev). W.E. Meyer **891**, 110.
Surface Type Commands, Combined (ProfNote). J.F. Kelly, Jr. **844**, 107.
Surface Warfare Officers: The Need for Professionalism. R.J. Hart **880**, 38. **884**, 91. **885**, 74, 75, 76. **895**, 92.
Surgery
See also: Medicine and Surgery.
Naval Surgery in Battle of Jutland **169**, 604.
Surgical Supplies
Are Surgical Dressings to Become Obsolete? **165**, 1683.
Surgical Supplies in Wartime **170**, 840.
Suribachi (U.S.): See: New Navy.
Surigao Strait, Battle of **681**, 102.
Admiral Oldendorf Comments on the Battle of Surigao Strait **674**, 104.
Destroyer Dust. J.G. Coward **549**, 1373.
Morison, S.E. **670**, 31.
Surplus Property Disposal: Navy's Post-War Headache. C.A. Eichelberger **522**, 1047.
Surprise (Fr. gunboat): Sunk by Shell Fire **167**, 195.
Surrender of Japan. Robert J.C. Butow **630**, 853.
Surveying
See also: Aerial Photography, Soundings.
Hydrographic Surveying: See: Oceanography.
Nautical Surveying: See: Hydrography.
Surveying Vessel Sought by Navy Oceanographic Office (Nbk) **795**, 160.
Survey of the Coast, The. G.L. Dyer **37**, 199.
Surveyor (U.S.C. and G.S. ship): Description **197**, 1270.
Survival Among Sharks. E.L. Frasier **827**, 42.
Survival at Sea. E.L.E. Ritson **608**, 1057.
Survival in the Air Age. E.E. Wilson **669**, 77.
Survivor Benefits--What Are They? Elton W. Grenfell **634**, 1332.
Susquehanna (USS): Voyage to Japan, 1851: **137**, 257.
Sussex (HMS) **345**, 1574.
Sussex (SS): Torpedoing of the. **163**, 1003.
Sutherland, R.T., Jr. **405**, 1629, 1631. **412**, 866. **413**, 1021. **415**, 1323. **647**, 92. **665**, 104. **724**, 121.
Admiral Makarov: Attack! Attack!

Sutherland, R.T., Jr. (Cont.)
Admiral Makarov (Cont.)
Attack! (C&D) **771**, 125.
Blockade of Boston **408**, 195.
Insurance for Protection **410**, 480.
Irish Pennants **410**, 560. **412**, 872. **414**, 1170. **416**, 1483. **421**, 411. **423**, 742. **428**, 1497. **432**, 252. **434**, 578. **437**, 1042. **439**, 1334. **440**, 1484. **441**, 1634. **442**, 1781.
Sutliff, R.C.: Duty in Yangtze Gunboat **389**, 981.
Sutphen, H.J. **704**, 115. **708**, 117. **769**, 114.
Fairview (EPCER-850) (NewNav) **731**, 146.
Indebtedness (Smith) (C&D) **796**, 100.
The Lawful Order (C&D) **765**, 124.
Naval Review, 1962-63, 1964, 1965, 1966, 1967 (C&D) **781**, 117.
Notable Naval Books of 1967 (C&D) **788**, 106.
Proposed: A Kra Canal (C&D) **743**, 105.
Sutton, A.C.
Soviet Merchant Marine **803**, 34.
Western Origins of Soviet Marine Diesel Engines (ProfNote) **803**, 124.
Suva: Proposed Naval Base **202**, 2070.
Svendsen, M.R.: A Framework for Naval Leadership **869**, 18. **872**, 90. **874**, 81.
Sverdlov (Russian): Pictorial Section **628**, 629.
Sverdrup, H.U. **440**, 1481.
Sverige (Swedish battleship): Description **178**, 2964.
Swain, D.Y.: Naval Chaplaincy (Warren) (C&D) **803**, 102.
Swain's Island **295**, 1029.
Pacific Ocean **391**, 1322.
Swan, D.E. **698**, 102.
Swan, W.U. **453**, 1679.
Swanborough, F.G.: Military Aircraft in Post-War Europe (Pict) **611**, 77.
Swann, S.D.
Etchings **334**, 1166. **346**, 1740.
Etchings for Sale **382**, 1803.
Swanson, Bruce: The PRC Navy—Coastal Defense or Blue Water? (NavRev) **879**, 82. **885**, 74.
Swanson, C.A.
Our Navy Today **404**, 1379.
Swanson, C.A. (Joint author): See: Liljencantz, E.
Swanson, C.W.: Navy Gave Me Wings **444**, 189.
Swanson, H.J. **783**, 111.
Panay Incident: Prelude to Pearl Harbor **778**, 26.
Swartz, O.D.: Study of Divided Loyalties **718**, 61.
Swartz, R. **478**, 1765.
Swartz, R.H. **697**, 115.
Navy Men in the Olympic Games **690**, 57.
Physical Fitness at the U.S. Naval Academy (ProfNote) **705**, 143.
Swartztrauber, S.A.
Book Review **856**, 105. **876**, 85.
Eyes of the Ship (anec) **840**, 25.
Half a Career **756**, 70. **759**, 125, 126. **762**, 116, 117, 118, 119.
Men in the Middle (Purtell) (C&D) **804**, 99.
On Hugging a Bear, Take Care **857**, 18.
River Patrol Relearned (NavRev) **807**, 120. **814**, 83. **820**, 94.
Take Care of Your Men **730**, 26. **734**, 108. **736**, 117. **739**, 114.
We Aim to Please (anec) **860**, 55.
Swatara (U.S.): See: Old Navy, Page from.
SWATH: See: Small Water-Plane Twin Hull Ship.
Sweden **345**, 1587.
Army, Navy, Air Force: Sweden's Armed Neutrality. W.H. Hessler **623**, 39.
Defenses
Can Sweden Defend Herself? W.W. Lang **775**, 47. C&D: **779**, 110. **782**, 95.
Nordic Balance in the 1970s. A.L. Romaneski **846**, 32.
Maritime Training of Sweden's Youth. T.E. Karlsson **471**, 642.
Stockholm Marine Museum: See: Models.
Sweden Digs In. G.A. Raymond **621**, 1223.
Sweden's Defense Problem. R.L. Simons **669**, 63.
Sweden Shows Robot Missile (Nbk) **796**, 157.
Two Voyages of the Wasa. E.L. Westberg **793**, 63.
Why Sweden Is Not a NATO Member (ProfNote). C.P. Lemieux **697**, 142.
Sweden—Navy **337**, 403.
Big Little Fighting Vessels. C.J. Lamb **325**, 204.
Defense Problems of the Swedish Navy. T. Wulff **706**, 52.
Expansion **456**, 299. **458**, 606.
Karlskrona, Largest Base. T.E. Karlsson **468**, 235.
The Nation and the Navy **150**, 554.
Navy of Sweden (Pict) **621**, 1259.
New Swedish Motor Torpedo Boats (ProfNote). Bertis Erkhammar **769**, 137.
Program 1902: **101**, 128. 1904: **112**, 875. 1905: **113**, 233.
Statens Sjöhistoriska Museum (ProfNote). E.C. Fisher **743**, 129.
Sweden: Neutralism or Neutrality? C.O. Lerche, Jr. **695**, 68.
Sweden Reefs Her Sails. R.L. Simons **418**, 1722.
Swedes Build Underground Port (Nbk) **789**, 158.
The Swedish MTB (ProfNote). T. Wulff **726**, 130.
Swedish Navy. J.A. Gade **499**, 1129.
Swedish Navy Completes Underground Shipyard (Nbk) **803**, 136.
Vessels Building
1902: **101**, 129.
1903: **106**, 489. **107**, 761. **108**, 985.
1904: **109**, 234. **110**, 452. **111**, 654. **112**, 875.
1905: **113**, 233.
1913: **145**, 391.
1914: **150**, 554. **151**, 861.
Sweeney, J.R.: The Lawful Order (C&D) **765**, 125.
Sweet, W.B.: Fore and Aft Rigger Ship (anec) **645**, 1159.
"Sweethearts and Wives"—a Tribute. R. Hargreaves **684**, 63.
Sweetman, Jack **874**, 24.
Aboard Subchaser 206 (OldNav) **883**, 69.
Books of Interest to the Professional **876**, 89. **877**, 133. **878**, 95. **880**, 89. **881**, 90. **882**, 88. **883**, 91. **884**, 109. **885**, 90. **886**, 96. **888**, 89. **889**, 92. **890**, 95. **892**, 98. **893**, 102. **894**, 77. **895**, 105. **896**, 83. **897**, 98. **898**, 95.
Navies in War and in Peace (Gorshkov, Part 7) (C&D) **862**, 79.
Notable Naval Books of 1975: **875**, 87.
Notable Naval Books of 1976: **887**, 95.
Professional Reading **868**, 96. **870**, 101. **871**, 91. **872**, 108. **873**, 89. **874**, 88.
Sweitzer, H.B. **769**, 107.
Sovereignty and the SLBM **763**, 32. **766**, 130, 131.
Swell (wave) Damage: See: Accidents—Vessels.
Swenson, Leo (artist): USS Harold E. Holt—March 1973 Cover.
Swenson, R.G.
Implication Was Plain (anec) **790**. 71.
Read the Labels First (anec) **813**, 57.
Swett, T.W. **329**, 639.
Battle at Blanc Mont (C&D) **329**, 639.
Swift (HMS)
Description **127**, 1057. **133**, 275.
Launched; description **125**, 339.
Swift (U.S.) **678**, 106.
See also: Cover Pictures—April 1959; Old Navy.
Swiftsure (HMS)
Commissioned **109**, 220.
Trials **110**, 440.
Swimming
See also: Athletics; Drowning; Recreation; Underwater Demolitions Teams.
Endurance Swimming. E.J. Davis **436**, 819.
A New Method of Teaching Swimming, with a few hints on rescuing the drowning. F. Green **139**, 865.
Swimmers and Divers in War. D.W. Thomson **471**, 682.
Swing of Pendulum. F.J. Bell **363**, 641.
Swinger, A.W.: The New Uniforms: Who Wants Them? (Adams) (C&D) **875**, 67.
Swiss Merchant Navy on the High Seas. W.N. Larkin **638**, 426.
Switzer, D.C.: Down East Ships of the Union Navy **741**, 82.
Switzer, H.E. (photog.)
Mothball Fleet (Pict) **746**, 88.
Naval Propellant Plant (Pict) **739**, 95.
Switzer, Mrs. W.G.: Maid of Honor (anec) **648**, 145.
Switzerland: Outlet to Sea **206**, 650.
Sword and Shield in Our Power Structure. A.E. Sokol **674**, 44.
Sword Exercise. A.J. Corbesier **69**, 181.
Swordfish (Eng.) **337**, 398. **339**, 680. **346**, 1716. **352**, 923. **353**, 1070.
Swords
See also: Trophies and Relics.
Chaplains and Sword-Wearing **634**, 1380.
Japanese Sword. F.D. McCorkle **598**, 1354.
Marine Corps **361**, 412.
Swordsmanship
Sabre and Bayonet
Cunningham, A.C. **120**, 1213. **121**, 383.
Spicer, W.F. **121**, 379.
Sydney (Austral.)
German Raider Kormoran—Sydney's Nemesis. R.S. Pattee **574**, 1299.
Sinking of. J. von Gosseln **601**, 251.
Sydney (HMS) **232**, 928.
Description **144**, 1645.
Sylph (U.S.) **377**, 950. **457**, 453.
Sylvester, E.W. **688**, 119.
Mariners Museum (Pict) **680**, 81.
Symanski, M.W.: The Military Image (Hanks) (C&D) **815**, 81.
Symington, Powers **628**, 702.
Syncrolift: Ships Go Ashore for Repairs (Nbk) **761**, 164.
Synhorst, G.E.
USS Bainbridge Is Not the Answer (C&D) **735**, 104. **739**, 117.
Officers Submarine School (ProfNote) **778**, 140.
Soviet Strategic Interest in the Maritime Arctic (NavRev) **843**, 88.
Synon, G.D.: National Strategy and Merchant Marine **570**, 877. **572**, 1139.
Sypher, J.H.
Obry Device for Torpedoes **84**, 655.
Training of Landsmen **103**, 613.
Syren (USS): See: Farenholt, A. **128**, 1279.
Syrett, David: The Fleet That Failed **872**, 66.
Syria **202**, 2113. **274**, 2409.
Syria Beefs Up Airpower (Nbk) **859**, 124. **865**, 82.
Systems
Hellweg, J.F. **194**, 599.
Mk 86 Gunfire Control System (ProfNote). Vin Vinci **894**, 92.
The Virginia's Combat System Department (ProfNote). G.N. Maddox **894**, 90.

Systems Analysis
Defense Systems Analysis Education Program (ProfNote). E.J. Ortlieb **762**, 148.
"The One Best Way" to Oblivion? R.A. Beaumont **790**, 37. **803**, 98.
The Study Business. J.C. Longino **772**, 58. **777**, 110.
Systems Analysis: Something Old, Something New. C.B. Bishop **788**, 45.
Weapons Systems Evaluation Group (ProfNote). T.F. Pollock **769**, 139.
Systems Commands Established: Bureaus Go On Forever. T.W. Ray **779**, 50. **783**, 105. **787**, 111. **804**, 95.
Systems Engineering: Whiz Kids of Our Own (C&D). J.T. Howe **738**, 120, 121.
Systems Maintenance: Vital Goal--A Workable Navy. R.H. Smith **748**, 60. **754**, 119, 120.
Systems Operation: Full Systems at Launch--New Concept in Fleet Aviation Operations. D.P. March **851**, 34. **854**, 100.
Syvertsen, Erik: Naval Youth Programs (Berker) (C&D) **851**, 84.
Szent Istvan (Austria) **310**, 1035. **335**, 134.
Delay in Building of. **149**, 189.
Launched; description **150**, 490.
Sunk by Italian Destroyers **185**, 1691.

T

T-3 Incident. C.O. Holmquist **835**, 44.
TC-1: See: Airships--U.S.
TC-2: See: Airships--U.S.
TC-3 (U.S. airship) **384**, 236.
Tabasco (ex-Worden) (U.S.) **818**, 65.
Tabasco (former Putnam) **345**, 1553.
Table-tennis Team, American: See: E.B. Duffee, Jr. 'New" China Policy?
Tablets: See: Monuments and Memorials.
TACDEW: See: Tactical Advanced Combat Direction and Electronic Warfare.
Tacking: Tacking a Navy Cutter. A.C. Sott **152**, 1162.
Tacna Arica: Dispute **211**, 1544. **232**, 1067. **235**, 1642. **251**, 149. **267**, 881. **268**, 1095. **275**, 180. **277**, 569. **280**, 1261. **282**, 1658. **283**, 1903. **287**, 114. **307**, 809. **310**, 1108. **317**, 649. **319**, 828.
South American Alsace-Lorraine. J.M. Creighton **229**, 377.
Tacoma (USS) **254**, 653. **257**, 1062.
Wreck of the Tacoma (PG-32) (OldNav). K.S. Reed **820**, 74.
Tacony (Confed.) **454**, 1781.
Cruiser of the Clarence-Tacony-Archer. R.H. Woods **131**, 675.
TACRON Eleven, "T" as in "Terrible". C.R. Pursley **810**, 46.
Tactical Action Officer (TAO): TAOs: To Fight the Ship. R.B. Pettitt **852**, 55.
Tactical Advanced Combat Direction and Electronic Warfare (TACDEW)
Eight Worlds of TACDEW (ProfNote). T.W. Goad **796**, 130.
Of Robotry and Readiness. T.W. Goad **796**, 45.
Tactical Air Control Squadron: TACRON Eleven, "T" as in "Terrible." C.R. Pursley **810**, 46.
Tactical Aircraft, Sea-based: The Transition to V/STOL. J.L. Holloway, III: **895**, 18.
Tactical Air Power: Is TacAir Dead? G.C. O'Rourke **884**, 34. **887**, 81, 82. **890**, 79. **895**, 82.
Tactical Air Support: Amphibious Forces: The Turning Point. E.J. Miller and W.D. Toole, Jr. **861**, 26.
Tactical Considerations in Torpedo-Boat Design. A.P. Niblack **93**, 167.
Tactical Co-ordination Officer: Carrier ASW Pilot Motivation (ProfNote). J.J. Ortega **786**, 144.
Tactical Coordinators (TACCO)
Airborne Destroyer. W.G. Marshall **853**, 26. **857**, 83, 84. **859**, 102. **862**, 89.
Quarterback for the Helo ASW Team (ProfNote). J.J.M. Curtis **859**, 119.
Tactical Development
Andrews, F.A. **662**, 65.
Where Have All the Tacticians Gone? R.A. Bowling **856**, 58.
Tactical Diameters, and Manoeuvring Powers of Ships. L.H. Chandler **97**, 67.
Tactical Horsepower of Submarines. Lt. W.J. Holmes **346**, 1616. **350**, 589.
Tactical Problems in Naval Warfare. Prize Essay, 1895. R. Wainwright **74**, 217.
Tactical Unit, Three Considered as (with Discussion). D.H. Mahan **45**, 343.
Tactics
See also: Naval Tactics; Strategy and Tactics.
Elementary Naval. W.B. Hoff. A. Gleaves (Rev.) **71**, 649.
Fleet. R. Wainwright **52**, 65.
Modern Naval **95**, 524.
Naval. H. Elmer **30**, 487.
Naval Battle. R. Wainwright (Rev) **71**, 645.
The Navy Needs to Do Its Own Thinking (NAMB) **898**, 84.
The Study of Naval Tactics. Rene de Cartout **94**, 287.
Tactical Development in the Fleet. R.H. Smith **878**, 18. **882**, 80. **883**, 76. **884**, 98.
Tactics, Battle, etc. H.C. Taylor 141.
Tactics of Aircraft in Naval Warfare (1921). J.P. Jackson **848**, 78.
Tactics of Infantry. D.H. Mahan (Rev) **42**, 491.
Tactics of Ships in the Line of Battle. Prize Essay, 1896. A.P. Niblack **77**, 1.
Tactics of the Gun... J.F. Meigs **47**, 655.
Tada, Tokuchi: "Satisfactory" Not Enough. H.B. Say **737**, 82. **741**, 111.
Taddledeaddly (U.S.) **338**, 451.
Taeusch, F.L.: Detection by Smell in Electronic Era (anec) **622**, 1375.
Taft, Orray **652**, 660.
Tai Ping (junk) **446**, 503, 507.
Taiping Rebellion (1850-64): See: Old Navy (Josiah Tattnall).
Tai Sing Loo: See: Loo, T.S.
Taiwan
Strength and Weakness in Asian Littoral. P.B. Brannen **670**, 68.
Taiwan Dilemma, Japan's. J.Z. Reday **829**, 49.
Underway With Chiang's Navy (Pict). W.M. Powers **863**, 62.
Takachiho (Jap. cruiser): Sunk by Mine **154**, 1878.
Takao (Japan) **329**, 646. **337**, 400. **351**, 774. **529**, 287.
Stalking the Takao in Singapore Harbor. G.W. Kittredge **650**, 392. **652**, 663. **653**, 779.
Takarabe, H. **247**, 1513.
Take-off and Landing Systems
The Navy and the Brodie (OldNav). G. van Deurs **884**, 88.
V/STOL Close Air Support in the U.S. Marine Corps (ProfNote). S.P. Lewis **884**, 113.
Wind, Seapower and Jet V/STOL (ProfNote). John Fozard **895**, 109.
Talamanca (SS) **348**, 292. **349**, 436. **356**, 1530.
Talbert, J.T., Jr.: Navy Financial Management of Resources (ProfNote) **804**, 117.
Talbot, M.F. **335**, 135. **359**, 149. **360**, 305. **362**, 627. **368**, 1526. **422**, 592. **425**, 1041. **430**, 1793. **438**, 1185.
Battleship **423**, 645.
Beyond Naval Treaties **386**, 465. **391**, 1301.
In Wake of War **360**, 178.
Interrelation of Foreign and Naval Policies in American History **447**, 650.
Issue at Next Naval Conference **382**, 1682.
John Masefield **368**, 1393.
Our Armor of Self-Containment **416**, 1381.
Problem of Naval Treaties **376**, 745.
Sketch of Fleet Maintenance in Nelson's Day **437**, 958.
Statecraft and War **352**, 823.
Tactics and Command **359**, 9.
Two Colleges **362**, 500.
Two Poets of the Great War **347**, 33.
Talbot, Silas **441**, 1574.
Talbot (Br.) **393**, 1643.
Talbott, E.G.: United States Needs Larger Navy **437**, 1009.
Tale of a Seagoing Peach Pie. M.S. Guest **166**, 1953.
Tale of Lost Torpedo. S.E. Moses **303**, 381.
Talerico, A.
Sea of Decision **571**, 941.
Talerico, A., Jr.
Operation Justice **531**, 509.
Pyramid of Power **543**, 603.
Talkington, H.R.
Rescue of the Pisces III (ProfNote) **856**, 114.
Submersibles with Panoramic Visibility (ProfNote) **866**, 102.
Talkington, H.W.: NOTS, San Clemente Island (Pict) **688**, 93.
Tall, H.R.: Military Manager, the Image and the Man **714**, 59.
Tallahassee (Confed.) **451**, 1237. **454**, 1781.
Talley, G.C., Jr. (BkRev) **781**, 118.
Talley, J.W.
Ding Dong Toot **568**, 627.
Forgotten Tree (anec) **581**, 715.
Navy Rose (anec) **662**, 31.
Tall Ships: "Steady as You Go!" F.B. Sayre, Jr. **886**, 110.
Tall Ships Race, 1972: Rendezvous in Kiel (C&D) **845**, 87.
Tamanend vs. Tecumseh
Cole, W.C. **154**, 1787.
Identification of the Figurehead of the USS Delaware. C.F. Preston **151**, 721.
Tamburello, G.B. **673**, 100. **678**, 104.
Education: A Reciprocal Civic-Military Objective (ProfNote) **800**, 141.
Tampa (USCG cutter) **226**, 1961. **411**, 631.
Tampa (USS): Torpedoed **189**, 2667.
Tampico (Mex. gunboat): Career of the Mexican Gunboat Tampico (illus). J.H. Klein, Jr. **181**, 527.
Tanabe, Yahachi with J.D. Harrington: I Sank the Yorktown at Midway **723**, 58.
Tanaka, Raizo: Japan's Losing Struggle for Guadalcanal (Parts I & II) **641**, 687. **642**, 815.
Taney (U.S)
See also: Cover Pictures--October 1962.
USCGC Taney: Still in Service 35 Years Later. Carl and Nell Kraft **886**, 50.
Tanganyika Expedition **363**, 729. **367**, 1337.
DeWeerd, H.A. **356**, 1461.
Tangier, the International Waif. A.P. Niblack **238**, 2063.
Tangier Problem **252**, 328. **254**, 681. **284**, 2104, 2161. **290**, 479.
Tang Sen Pei: Chopstick Expert (anec) **684**, 35.

Tanham, G.K. **606**, 913.
Book Review **731**, 112.
Tank, Army Unveils Main Battle (Nbk) **779**, 146.
Tanker Operation and Management. L.C. Kendall **650**, 416.
Tanker Preference Bill, President Ford Vetoes U.S. (Nbk) **865**, 106.
Tankers **327**, 446. **347**, 128.
See also: Tanker in Heavy Seas--March 1963 Cover.
Aircraft Carrying Oil Tankers, Case for. B.O. Lisle **477**, 1555.
All-Round View in Belships Tanker (Nbk) **740**, 147.
Army Reactivates Tankers for Conversion to Power Plants (Nbk) **763**, 160.
Auxiliaries, Naval, Tankers as. B.O. Lisle **427**, 1249.
Ballasting a Navy Tanker. R.P. Whitemarsh **360**, 193. **382**, 1755.
Crew of 29 for 150,000-DWT Ship Being Built in Japan (Nbk) **750**, 158.
Efficiency Rising in Esso Tankers (Nbk) **729**, 148.
Five Supertankers Ordered (Nbk) **727**, 138.
Gargantuan Tankers. Privileged or Burdened? E.F. Oliver **811**, 39. **817**, 90.
Gulf Oil Orders Six Huge Tankers (Nbk) **761**, 165.
Heavy Tankers to Be Built in United States (Nbk) **802**, 158.
Japan Builds Tanker for Britain (Nbk) **740**, 147.
Japanese Launch Tokyo Maru, Largest Tanker (Nbk) **754**, 167.
Largest Tankers (Pict). A.E. Hammarlund and D.L. Cooper **737**, 88. C&D: **743**, 109.
Liquefied Natural Gas Carriers and Their Development (ProfNote). R.A. Carl **890**, 99. **894**, 69.
Longest Tankers in World Ordered (Nbk) **737**, 149.
Mammoth Tankers Ordered by Italy (Nbk) **779**, 151.
Merchant Tanker Fleet (Pict) **650**, 428.
Million-ton Tanker Planned (Nbk) **841**, 126.
MSTS Seeks Bids on Nine Tankers (Nbk) **784**, 143.
New Tanker Has Unusual Stern (Nbk) **790**, 158.
New Ship to Have Aluminum Hull (Nbk) **748**, 158.
Norway
Keel Laid for Mammoth Tanker (Nbk) **719**, 163.
Norwegian Sailing Tankers **660**, 107.
Offshore Tanker Terminals. Bernard Frankel **841**, 56.
Of Tankerships and Tankermen (ProfNote). S.W. Emery, Jr. **868**, 101.
Oil in Troubled Waters. W.C. Chambliss **489**, 1425.
The Old Indispensables. F.L. Palmer, Jr. **882**, 60.
Orders Slowing for New Tankers (Nbk) **727**, 143.
Pictorial **890**, 60.
Profiles: Supertankers (C&D) **859**, 103.
Radical [automated] Tanker (Nbk) **726**, 150.
USS Sacramento (AOE-1) (NewNav). R.W. Baker **739**, 164.
Socony Fleet to Add Tanker (Nbk) **730**, 159.
Soviet Gaining As Tanker Owner (Nbk) **740**, 145.
Supertankers and Supertugs (ProfNote). P.S. Maguire **749**, 130.
Supertankers May Dock By Radar (Nbk) **789**, 155.
Supertankers Pose Problems (Nbk) **814**, 107.
Tanker Charter Market. N.T. Adams **758**, 82.
Tankers to Burn Crude Oil (Nbk) **794**, 160.
Tank-Ship Operation at High Speeds. B.O. Lisle **420**, 211.
Twelve-Man Tanker Predicted (Nbk) **774**, 151.
VLCC Aground: Everybody's Problem (ProfNote). J.A. Atkinson **877**, 95.
USS Waccamaw--A New Oiler, in Part (ProfNote). H.G. Gillette **775**, 141.
Will Tankers Get Bigger? (Nbk) **754**, 162.
World Tanker Fleet Up By Thirteen (Nbk) **754**, 167.
Tank Cleaning: Jet Cleaning System for New Ships (Nbk) **786**, 156.
Tank Landing Ships
Another Task for the LST (ProfNote). W.H. Poe **792**, 130.
Causeway Barge Method (ProfNote). J.W. Corey **786**, 142. **789**, 114.
First of Seventeen Tank Landing Ships (Nbk) **794**, 157.
In Defense of the Large Slow Target (ProfNote). J.H. Bower, Jr. **803**, 128. **811**, 94. **812**, 89.
The LST in Vietnam (ProfNote). B.F. O'Rourke **764**, 148.
The 20-Knot LST (NewNav). J.H. Demyttenaere **762**, 170.
Tanks
Battle Tanks **178**, 2952.
British Tanks **179**, 175.
Cavitation **343**, 1266.
Flame Throwing Seabees. G.F. Unmacht **542**, 425.
45-ton Steam-Driven Tank **185**, 1571.
Fuel: See: Fuel Tanks.
Gasoline: Non-exploding Gasoline Tank **198**, 1455.
The Italian Sea-Tank **191**, 102.
Military **202**, 2101. **208**. 974. **240**, 352.
Sea Tanks Used at Pola **188**, 2433.
The Secret of the "Baby" Tank **191**, 139.
Story of Self-Sealing Tank. E.H. Eckelmeyer, Jr. **516**, 205.
Tanks of August 1968. W. Kotsch **795**, 86. **800**, 103.
U.S. Marine Corps Armor (ProfNote). R.M. Winter **767**, 123.
Tanner, R.L. **642**, 876.
Tanner, W.E.: See: Hughes, J.J.
Tanner, Z.L.
The Navigation of the China Seas **8**, 181.
On Gleanings from Sea of Japan **118**, 694.
U.S. Fish Commission **73**, 107.
Tanzania, Chinese Building Naval Base in (Nbk) **833**, 125.
Taping Machines: Bench Taping Machine. Photo **134**, 522.
Tapp, Dale: After Vietnam (Williams) (C&D) **813**, 87.
Tapper, J.A.: No Others Will Will Be Accepted (anec) **787**, 87.
Tara (SS): Torpedoed **160**, 2140.
Tarabocchia, Nino: Pictorial--Ship Camouflage (WWI): Deceptive Art (Sumrall) (C&D) **829**, 108.
Taranto, Triumph at. A.C. Hampshire **673**, 71. **684**, 101.
Tarawa
See also: Gilbert Islands.
Tarawa: The Tide that Failed. P.L. McKiernan **708**, 38. **715**, 105, 106.
Tarawa Foundation **615**, 603.
Tarbox, R., Jr.
Accommodations--the Squeeze Play **730**, 52. **762**, 120.
Co-author: See: Parker, Richard.
Tarbuck, R.D.
Nicaraguan Policy of the U.S. **324**, 113.
Sealubber Takes Air **425**, 1000.
Tarbuck, R.R.: School of the Ship (ProfNote) **724**, 140.
Tarbutton, E.A. **437**, 1044.
Tardy, W.B.
First Naval Training Cruise: Its Accomplishment and Portent **169**, 505.
On Navy Yard Manufacturing Costs **148**, 1645.
Target Detection System: Army Device Detects Walking Man (Nbk) **786**, 153.
Target Identification: PIRAZ (ProfNote). G.E. Lockee **794**, 143.
Target Practice
See also: Aerial Warfare, Explosives, Guns and Gunnery.
Aerial **333**, 1034.
Anti-aircraft **228**, 308. **240**, 351.
Baden (target) **221**, 1097.
Battle Rehearsal. Y. Stirling **121**, 49.
Beach Machine-Gun **299**, 69.
Boggs (target) **344**, 1416.
Calibrating Range Finders at Sea. R.C. Parker **324**, 137.
Centurion (target) **343**, 1262.
Chitose (target) **344**, 1418.
Distribution of Shots Within Salvo. L. Wood **337**, 377.
Effect of Current Upon Target Approaches. C. Taylor **304**, 467.
Emperor of India (target) **342**, 1109. **343**, 1262.
English **319**, 808.
A Fair Basis for Competition in Battle Practice. B.A. Fiske **128**, 1189.
Fleet **241**, 511.
France
Battle Practice Results, 1913: **146**, 874.
Firing Practice at the Tempete (1908): **128**, 1340.
French Battle Practice, 1910: **136**, 1177.
French Firing Practice Records, 1909: **133**, 271. 1911: **138**, 655.
French Firing Records, 1902: **103**, 632.
French Firing Results, 1912: **143**, 1156.
French Firing Statistics (1912): **141**, 345.
French Gunnery Practice, 1911: **137**, 314.
French Target Practice Records, 1910: **135**, 863.
Night Firing Practice, 1913: **149**, 256.
Results of French Gunnery Practice, 1911: **140**, 1416.
Germany **333**, 1041.
German Battle Practice, 1913: **144**, 1635.
German Firing Records, 1910: **138**, 654.
German 1910 Battle Practice Results **142**, 790.
Night Firing Practice at Sasswitz, 1905: **116**, 1013.
Prize Firing Practice in German Fleet, 1904: **112**, 849.
Great Britain
Battle Practice in the British Navy. P. Hislam **129**, 304.
Battle Practice, 1905: **118**, 730.
Battle Practice Results, 1912: **146**, 874.
British Battle Practice, 1910: **136**, 1176.
British Firing Practice Records, 1908: **127**, 1074.
British Gun-Pointer's Test, 1912: **143**, 1157.
British Gun Practice Efficiency, 1902: **106**, 471.
British Gun Practice Results, 1912: **142**, 790.
British Gunnery Practice Shows Improvement, 1905: **117**, 356.

British Night-Firing Practice, 1908: **125**, 353.
Gun Fire Practice in British Navy, 1914: **158**, 1306.
Prize Firing Competition Results Tabulated: 1901: **101**, 154. **103**, 647. 1903: **107**, 764. **109**, 236, 238. **110**, 456. 1905: **114**, 521. **116**, 1010. 1906: **119**, 1144. **120**, 1609. **121**, 403, 418. **122**, 873. 1907: **123**, 1312. **125**, 349. 1908: **129**, 305. 1909: **133**, 283. **135**, 895. 1910: **137**, 310. **138**, 652. 1912: **146**, 875.
Shooting Efficiency of British Navy (1913): **152**, 1228.
Summary of British Firing Records, 1899-1908: **130**, 594.
Torpedo Target Practice Schemes (1908): **128**, 1339.
Italy
Italian Shooting Records, 1908: **128**, 1338.
Italian Target Practise, 1913: **148**, 1755.
School of Target Practice Aboard the Sardegna **128**, 1338.
Kilty (target) **344**, 1416.
Machine-gun **299**, 69. **336**, 251.
Marcus (target) **336**, 251.
New Method of Scoring. J.B. Blish **94**, 349.
Pittsburgh (target) **345**, 1573.
Records **249**, 1932. **257**, 1173.
Short-range Battle Practice for Engineers. H.R. Greenlee **211**, 1443.
Sloat (target) **336**, 251.
Small Arms: See: Rifle Practice; Revolver Practice.
Stoddert (target) **343**, 1258.
Target Practice. J.F. Meigs **57**, 67.
Target Practice and the Training of Gun Captains. R.H. Jackson **86**, 173.
Target Practice at the Naval Academy. C.S. Sperry **55**, 583. **58**, 321.
Target Practice at Sea. W.J. Sears **80**, 757.
Target Practice with Belle Isle **95**, 543.
Targets, Ships as **206**, 626. **249**, 1911. **336**, 251.
United States
See also: Gunnery; Fire Control; Maneuvers; Rangefinders and Rangefinding; Spotting; Targets.
Standing of U.S. vessels in 1912 Target Practice **145**, 396.
Standing of Vessels in 1913: **147**, 1354.
U.S. Battle Practice, 1907: **127**, 1075. 1911: **140**, 1448.
Utah (target) **344**, 1416.
Targets
Largest Battle Practice Target (British, 1908): **127**, 1074.
New British Battle Practice Target (1913): **148**, 1746.
New (1905) British Service Target **117**, 359.
Representing Moving Air Targets for Anti-Aircraft Guns **150**, 569.
Self-Scoring Rifle Target **141**, 351.
Tariff
English **329**, 666.
Europe **335**, 130. **354**, 1207.
Franco-American **297**, 1235. **298**, 1339. **310**, 1108.
Protests Against U.S. **330**, 771.
Truce Conference **326**, 357.
Tar-oil for Fuel **148**, 1442.
Tarpey, J.F. **724**, 126.
Tarr, C.W.
and P.C. Keenan, Jr.: People, the Navy's Most Critical Resource **885**, 45.
Could We End the Draft Now? **832**, 58.
Tarsaidze, A. **574**, 1372. **622**, 1393.
Tartar (HMS): Trials; description **125**, 338.
Tartre, R.J. **706**, 109.
Plan of the Day--Saturday (anec) **676**, 63.
Tartu (Fr.) **342**, 1110. **349**, 430. **350**, 616. **356**, 1525.
Tarver, A.L.: Combat Readiness Training (Kusewitt and Speer) (C&D) **817**, 89.
Tarver, E. (joint author): See: Morales, M.
Task Force--Carrier
in World War II. W.H. Hessler **513**, 1271.
Navy's First. E.E. Wilson **564**, 159. **573**, 1257.
Task Forces
Importance of Naval and Air, in Global Warfare. H. Woodhouse **472**, 789.
Proposed: A Counterinsurgency Task Force. A.G. Nelson and N.G. Mosher **760**, 36. **767**, 101.
Task Force 77 in Action Off Vietnam (NavRev). M.W. Cagle **831**, 66. **835**, 90.
Time for Aerial Task Forces? (C&D) **874**, 79.
Where Is Task Force Thirty-Four? A. Hamilton **692**, 76.
Tassie, A.C.: Know Your Men (anec) **678**, 107.
Tate, J.R.
King of the Oceans (Sanders) (C&D) **866**, 75, 76, 77.
Pictorial--"The Odd Ones" (C&D) **828**, 105.
Tate, T.N.: Wasted Effort (anec) **640**, 643.
Tate, V.D. **665**, 119. **679**, 110. **716**, 116.
Tate, Vernon (BkRev) **739**, 126.
Tatten, R.J.
Pride of Ownership (anec) **775**, 91.
You Guessed It (anec) **767**, 49.
Tattnall, J. **263**, 91. **269**, 1243.
Tattnall, Josiah
See also: Old Navy.
New Light on the "Blood is Thicker Than Water" Episode. E.S. Maclay **152**, 1085.
Tatoo (Aus DD) **344**, 1417.
Taub, Samuel, Jr. (BkRev) **739**, 124.
Taussig, E.D.: Old Glory on Wake Island **388**, 807.
Taussig, J.K. **234**, 1389. **238**, 2129. **269**, 1238. **302**, 333. **316**, 555. **372**, 233. **380**, 1425. **431**, 99. **444**, 253. **445**, 409. **448**, 867.
Administrative Flagship for Fleet **234**, 1299. **237**, 1943. **243**, 847.
Admirals Are Scarce (anec) **532**, 647.
Answer Is 135,000 Men. **248**, 1643.
Balanced Fleet For Navy **269**, 1107. **271**, 1744.
Book Review **769**, 121. **771**, 128.
Case for Big Capital Ships **449**, 929. **453**, 1627.
Destroyer Experience During Great War **238**, 2015. **239**, 39. **240**, 221. **241**, 383.
Enlisted Personnel of the Navy **160**, 1781.
Experiences During Boxer Rebellion **290**, 403.
Destroyer Leader for Fleet **280**, 1110. **285**, 2297. **296**, 1113.
Fowl Diet (anec) **531**, 543.
Hearing Is Believing (anec) **544**, 741.
How Marines Became Part of Navy (anec) **530**, 389.
Hypnotized by Red Light **523**, 1171.
I Remember Pearl Harbor **838**, 18.
Is Pritten Bill Enactment Desirable? **298**, 1256.
Length-of-Service vs. Age-in-Grade Retirement **268**, 919.
Lo, Poor Admiral! (anec) **549**, 1349.
Naval War-Time Discipline **497**, 859.
Naval War-Time Discipline and Rehabilitation **500**, 1207.
Offenses Against Naval Discipline in War Time **498**, 995.
Old Navy **215**, 1.
"Old Man" is Hard to Beat (anec) **536**, 1173.
An Organization for Navy Department **443**, 52.
An Organization for United States Fleet **435**, 639. **437**, 1038. **438**, 1186.
Our Navy Personnel Situation **222**, 1153.
Our Promotion and Graded-Retirement Laws **254**, 523.
Shooting Mirage (anec) **535**, 1083. **543**, 628.
Some Reflections on Our Commissioned Personnel Situation **432**, 204. **433**, 452. **436**, 883.
Tidal Wave at Arica, 1868: **281**, 1319. **283**, 1792. **285**, 2300.
Unique Experience as Navigator **526**, 1549.
Waiting for Captain (anec) **534**, 935.
We Chopped Wood **496**, 639.
Taussig, J.K., Jr. **652**, 667, **688**, 119. **700**, 92. **707**, 110.
Book Review **765**, 140. **890**, 91.
The Coast Guard's Personality: A Product of Changing Roles and Missions (Russell) (C&D) **883**, 77.
Commanding Officer and New Uniform Code **584**, 1051.
Disaster Through Glamor **701**, 46.
I Remember Pearl Harbor (C&D) **842**, 91. **844**, 96. **847**, 97, 98.
Men in the Middle (Purtell) (C&D) **803**, 104.
Needed: An "Operational Requirement" for Fire Resistant Materials (Prof-Note) **871**, 102.
Pearl Harbor **851**, 80.
Pentagon's Whiz Kids (C&D) **761**, 114.
Proposed Method of Selecting Candidates for Naval Academy **478**, 1679. **483**, 719.
Radar, Collisions, and Rules of Road **559**, 1029.
Some Thoughts on Ships' Boats in the Navy (Taylor) (C&D) **859**, 100.
Status of Retired Officers **781**, 72.
Territorial Control and Jurisdiction Over Sea Areas **509**, 815.
Unfaced Challenge: Submarine Versus Free World (C&D) **737**, 109.
What's Going on Down There? (Kumm) (C&D) **846**, 91.
Tautog (U.S.): See: Deep Battleground.
Tavernetti, T.F.: Another Vanishing American **618**, 894.
Tawresey, A.P.H. **331**, 849.
and Hogg, W.S.: Naval Communications and Governmental Reorganization **281**, 1285.
and Moore, J.W.: Small-Boat Sailing as Character-Builder **328**, 500.
Inspections **312**, 105.
Line Task: Command **314**, 296.
Phases of Radio-Telephone Broadcasting **256**, 893.
Seagoing Indians **413**, 929.
Training Naval Officers **283**, 1746.
Taxation of Income: See: Income Tax.
Taxes
Federal and other, compared **234**, 1412.
What Navy Costs and Who Pays. W.H. Gardiner **243**, 828.
Tayloe, T.W. **438**, 1190.
Taylor, A.B.: Treat Sailors Like Spare Parts? **764**, 72.
Taylor, A.P.
American Navy in Hawaii **294**, 907.
Storming of U.S. Consulate, Honolulu 1870: **314**, 313.
Taylor, B.W.: Canine Pilot (anec) **669**, 75.
Taylor, Brown **681**, 110.

Taylor, Brown (Cont.)
Andrea Doria: Soldier of the Sea **823**, 47.
Controversy in Retrospect **713**, 39.
Lesser Deterrent **678**, 33.
Middle East Challenge **657**, 1196.
Taylor, C. **413**, 1026. **424**, 896.
Effect of Current Upon Target Approaches **304**, 467.
Taylor, C.E. **383**, 106.
Simplified Altitude and Azimuth Tables **389**, 928.
Taylor, D.W. **218**, 566. **231**, 792. **266**, 692. **291**, 617.
Architecture Navale (Rev) **55**, 600.
Commissioned Personnel Problems **261**, 1771.
Design of War Vessels **212**, 1663.
On a Method for Calculating the Stability of Ships **58**, 157.
On Determining the Inclinations of non-Algebraic Curves from their Ordinates **59**, 533.
Our New Battleships and Armored Cruisers **96**, 593.
War's Lessons in Naval Construction **208**, 957.
Taylor, David W.
Comment on the size of battleships as a function of their speed **121**, 133.
Estimating the Coal Endurance of a Naval Vessel **112**, 811.
A Handicap on U.S. Battleships **111**, 501.
Hawke-Olympic Collision **141**, 283.
Influence of Trim Upon Resistance of Ships **142**, 665.
Model Towing Basin: See: Models.
New method for determining the final diameter of a ship **134**, 501.
On life insurance **145**, 349.
On proposed new type of battleship **102**, 272.
Present status (1904) of protected cruiser type **109**, 145.
Sketch of Career **155**, 196.
Taylor, D.Y. **538**, 1503. **546**, 1024.
Taylor, Edward: Waiting Wives (O'Beirne) (C&D) **888**, 81.
Taylor, H.C.
Battle Tactics **37**, 141.
Duration (anec) **561**, 1231.
The Fleet **108**, 799.
Memorandum on General Staff for U.S. Navy **95**, 441.
Naval War College **77**, 199.,
"No Lights, No See" (anec) **560**, 1157.
Obituary of. **111**, 687.
The Use of One Angle in Curved Channels **37**, 105.
Taylor, Hannis: Origin and Growth of the International System **104**, 851.
Taylor, J.D.: Mining: "A Well Reasoned and Circumspect Defense" **897**, 40. **900**, 81.
Taylor, J.H. **251**, 88.
Legal Problem on Board Ship **255**, 713.
Psychological Factor in Promotion by Selection **290**, 436.
Taylor, J.R.M. **412**, 876.
Taylor, J.S. **216**, 247.
Commanding, Recruiting and Medical Officers vs. Desertion **215**, 39.
Crime of the Colleges **189**, 2559.
New Wine in Old Bottles **217**, 331.
Taylor, Janette: Correspondence Regarding John Paul Jones **122**, 683.
Taylor, John B. **626**, 457. **629**, 827.
Taylor, L.H.: The Deep Question (Cohen) (C&D) **795**, 112.
Taylor, LeRoy **708**, 124.
Naval Operations in Confined Waters and Narrow Seas **688**, 55.
Taylor, M.M. **298**, 1309. **350**, 612.
Taylor, Maxwell D. **686**, 113.
Taylor, R.B.: See: Hampton Roads, Low Tide at.
Taylor, R.C. **848**, 71.
Book Review **871**, 88.
Effective Writing, Navy or Civilian (Blair) (C&D) **804**, 89.
Some Thoughts on Ships' Boats in the Navy (NavRev) **855**, 232. **859**, 100. **860**, 83.
Taylor, R.H.: Just Say the Word (anec) **768**, 33.
Taylor, R.L.
Command and the Intelligence Process **690**, 27.
Secrecy in Government **841**, 72. **846**, 94.
Taylor, Samuel E. **629**, 834.
Taylor, T.: Navy in Literature **596**, 1111.
Taylor, T.H.: Nuclear Power Training (ProfNote) **725**, 130.
Taylor, T.L.: Fooling Nazis (anec) **610**, 1361.
Taylor, Theodore
The Magnificent Mitscher **625**, 339.
Matter of Judgment **665**, 70.
Taylor, W. **621**, 1275.
Taylor, W.L. **445**, 418.
Do We Really Want Peace? **571**, 981.
Philippine Question **463**, 1223.
Policy and Naval Officer **440**, 1393.
Taylor, Walker, Jr.: When a Sub Hit the Ark (anec) **668**, 85.
Taylor, Warren
The Choco Project (C&D) **777**, 106.
Lieutenant Strain's Ordeal (Allin) (C&D) **865**, 76.
Taylor (USS): Launched **183**, 1077.
Teach, Capt.: See: Blackbeard.
Teaching
The Naval Officer as Educator. J.M. Lord **869**, 44.
Teaching the Foreign Military Student, A Challenge in. R.M. Netherland **685**, 78.
Teaming Up to Build a Nation. A.N. Olsen **800**, 34.
Teapa (ex-Putnam) (U.S.) **818**, 64.
Teapot Dome Oil Reserves **237**, 1968. **257**, 1182. **265**, 492. **344**, 1408.
Tebbetts, William H.: All Right! Go Home! **630**, 874. **634**, 1382.
Technical Co-ordination Proposed **328**, 550.
Technical Experts Are Not Enough. T.P. Henrikson **667**, 33.
Technical Training: Wanted: Customers (C&D) **837**, 92.
Technological Research: Naval Research--the Brain Game. C.O. Holmquist **859**, 44.
Technologic Warfare. W.P. Roop **499**, 1095.
Technology
Impact of Technology on Strategy. J.T. Hayward **835**, 24. **839**, 86. **844**, 96.
Technology and Bargaining in Anglo-American Naval Relations: 1938-1946. J.R. Leutze **892**, 50. **894**, 70. **897**, 83.
Technology and the Military. S. Sandler **829**, 54. **839**, 100.
Technology, Geography, and Military Policy. W.H. Hessler **530**, 379.
Tecumseh: See: Figureheads; Trophies and Relics.
Tecumseh (U.S.)
Sunken Union Ship to be Raised (Nbk) **777**, 151.
USS Tecumseh: Treasure in Mobile Bay (OldNav). J. Stokesberry **786**, 147.
Teel, R.A. (joint author): See: Gill, P.W.
Tegetthoff (Austrian battleship): Description **142**, 751.
Teiyo Maru (Jap MS) **420**, 212.
Tejo (Port.) **440**, 1532.
Tektite II Operations, Navy Increased Role in (Nbk) **804**, 130.
Telegraph **417**, 1539.
Wireless Telegraph: See: Radiotelegraphy.
Telegraphy: See: Radio.
Telegraphy and Telephony: See: Communications.
Telephone
Anti-Noise Telephone **200**, 1800.
Early Days of the Telephone at the U.S. Naval Academy (OldNav). W. Aamold **869**, 70.
New U.S. Army Field Telephone **160**, 2087.
Shipboard: Damn That Talker. G.W. Dyson and J.C. Snidecor **523**, 1185. **527**, 77. **530**, 454.
Telephones for Noisy Places **134**, 636.
Wireless: See: Radiotelephony.
Telephony: See: Radio.
Teles, F.H. Cabral: Polynesian Navigation: They Made It, But How? (Gulmon) (C&D) **865**, 75.
Telescopes--Naval
Naval Observatory's New Telescope. J.F. Hellweg **383**, 9.
Naval Telescope and Mount. B.A. Fiske **107**, 699.
Optical Apparatus in the War **163**, 995.
Optical Principles and the Design of Telescopes for Night Use **153**, 1433.
Teletype: See: Radio.
Television
See also: Radio.
Television and the War: The Small Picture. K.C. Jacobsen **865**, 54. **868**, 82. **869**, 80.
Telling Time By Stars. J.F. Hellweg **353**, 1038.
Telsey, H.G. **432**, 251. **522**, 1090.
Footnote to Sailings **467**, 70.
Incident at Peoria Bridge (anec) **574**, 1315.
LST Ferry Crew One **586**, 1289.
Murky Night in 1942 (anec) **525**, 1435.
Preface to Leadership **560**, 1115.
Random Thoughts on Small Craft **480**, 224.
Small Boat Experience **487**, 1218.
Western Rivers **496**, 653.
Temeraire (HMS)
Description **125**, 352. **127**, 1055.
Illustration **131**, 631.
Launched; description **123**, 1299.
Temerario (Sp. gunboat) **335**, 66.
Temperatures, Deepest Ocean **94**, 404.
Temperly-Miller Coaling Apparatus **101**, 141.
Tenders
Patrol Plane **341**, 981.
Tenders to Monarchs. J.D. Thompson **335**, 46.
Ten Eyck, J.C.
Industrial War Power **495**, 557.
Interrelated Methods for Distribution of Materials and Fabricated Parts **486**, 1077.
Law of Diminishing War Power (C&D) **768**, 120.
Triphibious Power **492**, 179.
Tennessee (USS) **203**, 128. **215**, 100. **261**, 1771.
1st
Description **104**, 979.
The Steam Navy (OldNav). F.M. Bennett **848**, 132.
Trials **118**, 729.
2nd
The Electric Plant of the Battleship Tennessee. R.L. WEber **198**, 1397.
Electric Propelling Machinery of the Tennessee **189**, 2638.
Electric Propulsion for the Tennessee **165**, 1658.
Plans; description **160**, 1909.
Tennis, M.H., Jr.: LCT's in a Typhoon **661**, 48.
Tennis Trophy, Short History of the Leech. V.H. Godfrey **322**, 1039.
Tennison, J.C.: Can You Handle It? (anec) **585**, 1189.
Tenochtitlan, Battle of: Naval Classic.

W.S. Wharton **453**, 1537.
Tension, Longitudinal and Hoop, in a Thick Hollow Cylinder. C.A. Stone **21**, 489.
Tepper, Robert **727**, 98.
Addition by Subtraction (anec) **702**, 57.
Terada, S.: Rat's Landing (anec) **664**, 154.
Teredo navalis **230**, 662.
Terhune, J.A. **419**, 103.
Terhune, R.J.
FOST Work-Up: The Thursday Morning War (ProfNote) **802**. 140.
Modern Destroyer Bridge Design (Scott) (C&D) **798**, 116.
Terlaki, F.: Lead and Compass (anec) **571**, 979.
Terminal Leave: G.I. Payoff. L.A. Marsden **534**, 931.
Terminology, Nautical: See: Traditions, Customs, and Sea Terms.
Terpning, Howard (artist): Marine Strike Team--November 1969 Cover.
Terra Nova (SS) **203**, 102.
Terrible (HMS)
Alterations to. (1903): **105**, 262.
Coaling Records **102**, 403. **103**, 647.
Trials **101**, 111.
Territorial Limits
The Economics of a 200-Mile Fisheries Zone. R.J. Slye **888**, 35.
Indonesia's Archipelago Doctrine and Japan's Jugular. R.A. Miller **836**, 26. **847**, 94.
Three-Mile Territorial Limit **246**, 1389. **247**, 1579. **248**, 1758.
United States Accepts a 12-Mile Limit (C&D) W.E. Night **813**, 84.
Territorial Sea Squabble, Great. J.F. Meade **794**, 45.
Territorial Waters
See also: International Law.
The Influence of Modern International Law on Naval and Civil Operations at Sea (NavRev). D.P. O'Connell **891**, 156.
Sparrow, H.G. **162**, 447.
Terror (Span.) and St. Paul (U.S.) **412**, 866.
Terror (U.S.) **683**, 112.
Compressed Air System on Board **81**, 165.
Terrorism and Counter-Terrorism
Terror. H.R. Simpson **806**, 64. **816**, 89. **818**, 96.
Terrorist Weapons and the Terrorist Threat (ProfNote). D.L. Gertz **872**, 113.
Terry, E.R. **684**, 97.
Terry, N.M. **429**, 1695.
Terry, Tim: The Most Enjoyable Non-Career-Enhancing Billet in the Navy (Fliegel) (C&D) **895**, 81.
Terry (USS) **258**, 1344.
Terry-Lloyd, M.R.: Pictorial--Submarine Memorials (Hagerman) (C&D) **838**, 88.
Terzibaschitsch, Stefan
Fast Patrol Torpedo Boats Planned for Federal German Navy (C&D) **798**, 113.
From "Kildin" to "Kresta" (ProfNote) **808**, 127.
Moskva Joins the Soviet Navy (C&D) **794**, 107. **799**, 104.
Reactivation of the Battleship New Jersey (C&D) **792**, 107.
Ships of the U.S. Navy, a Compilation (NavRev) **807**, 459.
Submarine Pressure Dock for the Federal German Navy (C&D) **795**, 107.
Tessier, E.A., Jr. (co-author): See: D.L. Jones.
Tessin, W.: Cooking on All Three Burners (anec) **599**, 57.
Test, Wiggly-Block **349**, 438.
Testing Machine **52**, 175.
Testing Water on Board Ship. H. Elmer **9**, 433.
Tests: See: Intelligence Tests.
Texan (SS) **349**, 437.
Texan Navy, R.F. Carter **365**, 1032.
Texas (BB-35) **895**, 72.
Target Iwo (C&D)
Fiore, L.R. **729**, 102.
Heinl, R.D., Jr. **732**, 114.
Texas (USS) **331**, 863.
See also: San Marcos (U.S.).
Description **143**, 1146.
Description; trials **149**, 240.
Eel Trap Anecdote **434**, 624.
Illustration **144**, 1665. **148**, 1379.
Launched **142**, 780.
Ships of the U.S. Navy. R.W. Neeser **155**, 16.
Trials **148**, 1760.
Winning the Engineering Competition. B.R. Ware **194**, 593.
Wins Gunnery Laurels **180**, 421.
Texas
Houston; 6th Port **345**, 1576.
Randolph Field **330**, 761.
Texas Navy. S.S. Robison **403**, 1305.
Texas Towers: See: Radar Stations, Offshore.
Texel, Battle of the (1673): See: Knox, D.W. **152**, 1013; Frost, H.H. **158**, 1056.
Tezel, Hayati
Turkish Naval Academy (Pict) **846**, 73.
Turkish Naval Academy: 200 Years of Naval Education (C&D) **849**, 88.
TFX (F-111) aircraft: Role of the Service Secretary in the National Security Organization. P.R. Schratz **871**, 18. **875**, 67.
Thach, J.S. **651**, 559.
"Right on the Button:" Marine Close Air Support in Korea **873**, 54.
Thach, J.W.: ASW Navy of the Seventies **719**, 57.
Thackray, M.: See: Weems, Mrs. P.V.H.
Thailand
Navy: Royal Thai Navy. D.A. Van Horssen **760**, 77.
Professionalism in the Royal Thai Army. T.A. Marks **839**, 46.
Proposed: A Kra Canal. R.D. Duncan **736**, 48.
Thames (Eng.) **337**, 398. **339**, 680. **346**, 1716. **349**, 428. **350**, 613. **352**, 923. **353**, 1070. **354**, 1222. **355**, 1372. **357**, 1675.
Thames (Medway), Battle of **429**, 1561.
Thamm, T.B.: Quiet Crisis in the Silent Service **822**, 50.
Thatcher (USS): Launched **189**, 2619.
That Reminds Me. L.A. Cotten **207**, 743.
Thayer, F.C.: Professionalism: The Hard Choice **820**, 36.
Theft: Legal Problem on Board Ship. J.H. Taylor **255**, 713.
Theobald, R.A. **271**, 1734.
Handling Men **159**, 1475.
Loyal Initiative **275**, 1.
Theodora (former Gordon, Conf.) **341**, 871.
Thermit: Use of Thermit for Welding **140**, 1459.
Thermometers **204**, 296.
Thetis (HMS): Sunk **184**, 1380.
Thetis (U.S.): See: Old Navy.
Thibault, G.E.
The French Marines (ProfNote) **781**, 136.
New Era in Navy Recruiting **878**, 24. **882**, 81.
Thibault, George (co-author): See: Stansfield Turner.
Thielmann, A.G.: Apartheid: Shadow Over South Africa (Rondeau) and The South African Navy (Dodd) (C&D) **887**, 89.
Thierry, C. de: The Future of Liquid Fuel **126**, 736.
Third Ship, There Must Have Been a. J.C. Carrothers **665**, 53. **669**, 102, 103, 104, 105.
Third Thursday Society
A Professional Experiment (ProfNote). J.T. Strong **787**, 143.
Study, Discussion, and Fellowship (ProfNote). J. Strong **815**, 98.
Third World, Soviet Beachhead in. J.T. Howe **788**, 60.
This Admiral Business. T.D.F. Langen **333**, 973.
This and That. G.R. Clark **343**, 1205.
Thom, J.C.
Navy and Dead Sea **283**, 1689.
Rebuilding Navy's Enlisted Personnel **212**, 1627.
Unity of Command in Civil War **349**, 371.
Thom, J.L.: Prestige of the Navy Family (C&D) **747**, 117.
Thomas, C.C.: Dies from exposure as result of torpedoing of SS Vacuum **172**, 1328.
Thomas, C.M.
Instructions for Infantry and Artillery **60**, 569.
St. Helena Reservation Camp of Sanitation. **112**, 836.
Thomas, C.R.W. **396**, 271. **401**, 1039. **417**, 1632, 1634.
Making Naval Officers in Germany **419**, 39.
Thomas, C.W.
Antipodes **547**, 1121.
Capture at Sea in Perspective (C&D) **750**, 108.
Coriolis Force in High Latitude Navigation (ProfNote) **726**, 122.
Our Icebreakers Are Not Good Enough (C&D) **764**, 128.
Our Vulnerable Flank **576**, 147.
Thomas, Charles S.: In the Shadows of Tomorrow **634**, 1407.
Thomas, D.G.: Those First Impressions (C&D) **777**, 103.
Thomas, D.I.
Amphibious Striking Force (ProfNote) **682**, 125.
Four-Stackers **569**, 753. **575**, 86.
Gas Turbine Propulsion in Warships (ProfNote) **820**, 101.
Warship Design: Ours and Theirs (Kehoe) (C&D) **874**, 73.
Thomas, F.S.: New Approaches to Basic Training **656**, 1044.
Thomas, G.C. **655**, 1012.
Thomas, G.E. **607**, 1021.
Excerpts from Letters to Busanda (anec) **591**, 485.
A World-Shaking Event (anec) **630**, 892.
Thomas, J.R.: Birth of United States Naval War College **601**, 273.
Thomas, T.K. **659**, 95.
Cruise of the Neversink (OldNav) **800**, 151. **806**, 97. **818**, 95.
Thomas, W.N. **570**, 915.
Thomas, W.P.: Matter of Involvement (ProfNote) **818**, 104.
Thomas, W.R.
The Current Fitness Report: Howgozit? (Pendley) (C&D) **896**, 71.
How to Stay Afloat in a Personnel Quandary (ProfNote) **854**, 119. **860**, 85.
The UCMJ on Trial **726**, 62. **734**, 114, 115.
U.S. Aid--and Independence (ProfNote) **806**, 115.
Who Gets the Gravy While the Navy Gets the Beans? (NAMB) **888**, 70. **889**, 82.
Thomas (USS): Launched **186**, 1861.
Thomason, J.W., Jr. **309**, 995. **328**, 567. **399**, 719. **401**, 1038. **408**, 259. **419**, 108.
Marine Brigade **309**, 963.
Thomlinson, John: Water-Spray Aircraft Arresting Gear (ProfNote) **768**, 142.
Thomlinson, M. **417**, 1629. **423**, 739. **429**,

1643. **520**, 837.
Distribution of British Warship Construction **426**, 1119.
Thompson, C.: Report on Philippines **285**, 2399.
Thompson, D.M.: A New Approach (anec) **724**, 47.
Thompson, Dorothy
The Uniform Makes the Man (anec) **729**, 65.
We Get All Kinds of Questions (anec) **737**, 60.
Thompson, E.K. **622**, 1390. **631**, 1049. **680**, 104. **684**, 98. **687**, 98. **701**, 100. **702**, 109. **710**, 103. **714**, 110.
Affair of Honor (OldNav) **863**, 60.
Ancient Amphibious Assault **527**, 38.
Custom Made (anec) **887**, 59.
Genesis (OldNav) **876**, 70.
Heaven Can Wait (anec) **853**, 25.
Liberty Limited (anec) **878**, 68.
Lost Treasure of Agrigan **504**, 209.
"Lunchbox Charlie" Bonaparte (Downin) (C&D) **889**, 85.
Phonetically Speaking (anec) **866**, 74.
Sea Grammar (anec) **857**, 39.
Shipboard Solomon (anec) **801**, 91. **864**, 47.
That Was No Lady (anec) **896**, 75.
U.S. Monitor Patapsco (OldNav) **790**, 148. **803**, 104.
Thompson, E.M. **358**, 1847.
Time Out of Dock **330**, 688.
Training of Officers **358**, 1751.
Thompson, G.E. **695**, 115.
Present-Day Navy Navigation (ProfNote). **684**, 130.
Thompson, J.A.: NROTC Plight (C&D) **756**, 102.
Thompson, J.D.
Aluminum **472**, 841.
Panama la Vieja **360**, 306, 215.
Tenders to Monarchs **335**, 46.
Thompson, J.M.: Complete Co-operation (anec) **672**, 154.
Thompson, K.W. (co-author): See: D.V.V. Wood.
Thompson, L.
Ballistic Engineering Problems **327**, 411. **334**, 1131.
Thompson, L. and Riffolt, N.: Ballistic Engineering Problems **349**, 383.
Thompson, R.M. **299**, 81, 82. **333**, 1061.
Porter's Order re Fish Horn **392**, 1492.
Thompson, R.R. **463**, 1314. **477**, 1613.
Thompson, Richard W.: Half Century of Naval Administration. C.O. Paullin **147**, 1227.
Thompson, T.B. **375**, 697.
Navy-Leader in Education **350**, 555.
Thompson, W.: Guam Story **578**, 379. **591**, 555.
Thompson, W.K., Jr.: Small Craft Fire-power in Vietnam (C&D) **758**, 130.
Thompson, W.L.: Virgin Islands **314**, 289.
Thompson, W.R.: Iron Men (anec) **551**, 83.
Thompson, William: Selected Reserve **707**, 69. **713**, 116.
Thompson (U.S.) **864**, 83.
Last of the Four-Pipers? (OldNav). W.H. Langenberg **860**, 79. C&D: **889**, 85.
Thomson, Sir Charles Wyville: See: Challenge of the Challenger.
Thomson, D.W.
Catamaran Expeditions **492**, 143.
David Bushnell and First American Submarine **468**, 176.
Robert Fulton and Nautilus **476**, 1397.
Robert Fulton's "Torpedo System" in War of 1812: **523**, 1207. **525**, 1469.
Swimmers and Divers in War **471**, 682.
They Wanted to Rescue Napoleon **484**, 794.
Three Confederate Submarines **455**, 39.
Thomson, E.W. **385**, 417. **406**, 1777. **469**, 407. **470**, 555. **521**, 975. **522**, 1095. **524**, 1349. **525**, 1471. **528**, 207. **530**, 459. **533**, 847. **535**, 1114. **536**, 1244. **537**, 1383. **538**, 1513. **539**, 86. **540**, 225. **546**, 1027. **552**, 232. **554**, 475. **556**, 712. **557**, 830. **560**, 1181. **565**, 334. **568**, 685. **570**, 916. **571**, 916, 1033. **573**, 1262. **576**, 206. **583**, 996, 998. **584**, 1113. **588**, 210. **592**, 678. **614**, 462. **619**, 1051. **661**, 107. **702**, 120. **710**, 125.
Learning at Naval Academy--Academic Departments and System of Instruction **542**, 435.
Naval Academy as Undergraduate College **541**, 271.
Velocity of Light **323**, 42.
Thomson, Elihu: Possibilities of Liquid Air **92**, 934.
Thomson, J.R.: The Future of the Navy (Blechman) (C&D) **892**, 84.
Thomson, W.H.: Comments on Gorshkov's Sea Power of the State (Watson) (C&D) **898**, 80.
Thorgerson, A.R. (co-author): See: J.E. Kane.
Thornton, J.M.
Is the Pope a Catholic? (anec) **863**, 51.
Lost Weekends (anec) **898**, 39.
Money Well Spend (anec) **864**, 94.
Thornton, J.P. **676**, 102.
Thronton, W.N.
Aggressive in Naval Battle **416**, 1405. **419**, 101.
Choose Peace or War **380**, 1377.
Loyalty **386**, 475. **464**, 1437.
Thorpe, C.S. **642**, 875.
Thorpe, G.C. **242**, 732.
Origin of Grog **217**, 367.
Psychology of Naval Personnel **161**, 1.
The Situation and Organization **176**, 2247.
Those That Are Carried in Top of Ships. H. Philibert **337**, 365.
Those Who Can... John J. St. John **680**, 50.
Thoughts on Leaving Naval Service. W.J. Van Meter, Jr. **367**, 1323.
Thrasher, L.C.: The Thrasher Case (SS Falaba) **157**, 988.
Three-mile Limit
See also: International Law.
Obsolete Concept? G.E. Carlisle **768**, 24. **773**, 109.
Three-mile Territorial Limit **246**, 1389. **247**, 1579. **248**, 1758.
Three Navy Cranks and What They Turned. J.M. Ellicott **260**, 1615.
Three Toasts. E.B. Underwood **276**, 306.
Three Veterans of U.S. Navy. L.S. Perry **339**, 632.
Thresher (U.S.)
Searching for the Thresher. F.A. Andrews **735**, 68.
USS Thresher (SSN-593). E.W. Grenfell **733**, 37.
Thrift
Strategy for Thrift. J.T. Salmon **417**, 1577.
Those Outmoded Virtues--Thrift and Responsibility. J.M. Sheehan **412**, 813. **414**, 1170.
Throckmorton, Peter: Ship Archaeology in the Aegean **742**, 60.
Thucydides and Sea Power. J.M. Scammell **219**, 701.
Thuermer, A.M.
"Join the Navy--!" (anec) **531**, 579.
Voice From the Blue (anec) **682**, 47.
Thulia: See: Flying-Fish (U.S.).
Thumb Rules for Altimeter Corrections. F.J. Nelson **369**, 1573.
Thunderer (Br.) **466**, 1780. **544**, 448.
Illustration of Fire Control Station **145**, 397.
Launched; description **137**, 295.
Records of the Various Thunderers **137**, 295.
Trials; description **142**, 760.
Thundersqualls: Cross-section of a Thundersquall (illus) **151**, 900.
Thurber, F.B.: The Great Freeze, 1917-18 (OldNav) **709**, 152.
Thurber, H.R.: Notes on Destroyer Handling Alongside **269**, 1202.
Thuringen (Ger. battleship): Description **132**, 1278.
Thurlow, T.L.
Air Navigation Wrinkle **390**, 1125.
Joint author: See: Weems, P.V.H.
Thurlow Cast Steel Gun, The **49**, 367.
Thursfield, H.G.: Brassey's Annual: The Armed Forces Year-Book, 1954: **626**, 468.
Thurston, R.H.: The Final Improvement of the Steam Engine **59**, 497.
Tichvinsky, L.M. **470**, 558.
Ticonderoga (U.S.) **411**, 631.
Torpedoed **189**, 2669. **193**, 443.
Tidal Dynamics, A New Look at (ProfNote). V.R. Gardy **847**, 111. **852**, 96. **861**, 97. **865**, 81.
Tidal Forces, Navy to Research (Nbk) **793**, 156.
Tidal Waves
Tidal Wave at Arica, 1868. J.K. Taussig **281**, 1319. **283**, 1792. **285**, 2300.
Wreck of USS De Soto. D.A. Hall **172**, 1151.
Tide Predictions, One Hundred Years of. (ProfNote). S.D. Hicks **779**, 131.
Tide Rips: The Overfall: An Aleutian Phenomenon (ProfNote). H.B. Hutchinson **857**, 110.
Tides and Currents
See also: Oceanography.
Chart for Determining Height of Tide. F.S. Dellenbaugh **336**, 175.
Developments in Study of Ocean Currents. T.D. Wilson **253**, 400.
Effect of Ocean Currents **228**, 317.
Level of Sea. H.A. Marmer **307**, 742.
Panama Tides
Kirkpatrick, R.Z. **278**, 660.
Marmer, H.A. **333**, 1003.
Relation of Current to Wind Along Pacific Coast. H.A. Marmer **275**, 43.
Relation of Wave to Wind. H.A. Marmer **346**, 1687.
So-Called Tidal Wave. H.A. Marmer **357**, 1633.
Tide Diagram. A.E. Schrader **206**, 577.
Tides and Tidal Currents in Bays. J.P. Jackson **204**, 193.
Tides: Their Cause. U.S.G. White **21**, 467.
Two-Mile Lift in Ocean Bed in South Atlantic **249**, 1941.
Utilizing Tidal Force **214**, 2028.
Tidewater Navy: Norfolk Naval Complex (Pict) **834**, 71.
Tidmarsh, J.S. **727**, 103.
Tiedeman, J.A. (joint author): See: J.B. Davis, Jr.
Tientsin Incident (1919): Japan Apologizes **198**, 1427.
Tien-Yi Li **608**, 1141.
Tiernam, B.V.: The DX Competition (Devanney) (C&D) **882**, 74.
Tiernan, Barry: United States Navy for the Future (Smith) (C&D) **820**, 90.
Tierney, J.S.
Hail to the Chief (anec) **789**, 63.
New Kind of Paint (anec) **666**, 91.
Tiffany, F.K.: Naval Communication Reserve Progresses **434**, 534.
Tift Brothers **246**, 1299.
Tiger (HMS) **337**, 396. **341**, 973. **352**, 922.
Collides with HMS Berwick **126**, 714.
Description **155**, 214. **157**, 923.
Tiger Hunting in Dinglabash. A.P. Echo **856**, 35. **860**, 92.
Tighe, W.F., Jr.: New Medium Endurance Cutters (Pict) **750**, 92.
Tigress, The Cruise of. H.C. White **1**, 39.
Tillamook, Oregon: Tillamook Rock

Lighthouse **378**, 1103.
Tilley, B.F. **281**, 1389. **666**, 106. **644**, 1104.
Handling 117 de-commissioned destroyers **245**, 1105.
Tillman, Barrett: Hellcats Over Truk **889**, 63. **894**, 65.
Tillson, E.M. **478**, 1765.
Tilt, Squaring the. L. Wainwright **282**, 1547, 1563.
Timberlake, L.G. **691**, 114.
Time
See also: Navigation.
Burrage Time Board. G.H. Burrage **276**, 288.
Efficient Utilization of Time (C&D). A.T. Dunn **805**, 93.
English 24 Hour Clock **205**, 481.
Horizontal Angle Method of Finding Local Sidereal Time. J.G. Kellar **252**, 219.
Martelli's Method **207**, 739.
Naval Observatory; Its Function. E.T. Pollock **281**, 1356.
Possibilities of Adjustable Rate Clock. P.V.H. Weems **305**, 551.
Signals **208**, 963.
Telling Time By Stars. J.F. Hellweg **353**, 1038.
Time and Distance Required to Bring Ship to a Full Stop... W.J. Baxter **54**, 441.
Time Is Life. E.M. Eller **350**, 493. **353**, 1050.
Time Out of Dock. E.M. Thompson **330**, 688.
Time To Change. E.L. Frasier **820**, 46.
Time Signals
Radio Time Service **156**, 569.
Time Signals. In Bullard, W.H.G.: Naval Radio **150**, 453.
U.S. Naval Observatory Time Signals **185**, 1596.
Time Standards: Atomichron **677**, 104.
To Tell Solar Time, Longitude, and Latitude by Stars. A.S. Hawkesworth **286**, 2487.
Twenty-Four Hour Clock. F.J. Nelson **505**, 320.
Time and Longitude
See also: Lunar Observation.
Decline of the lunar distance for the determination of time and longitude at sea. G.W. Littlehales **130**, 620.
Determination by radio of difference of longitude. Renan, H. and others. B.S. Bullard, Tr. **147**, 1269.
Easy method of getting Greenwich mean time. F. Van Valkenburgh **198**, 1343.
Longitude by Radio **158**, 1316.
Measuring the lag in the time service. R.A. Lavender **152**, 1167.
Standard Time at Sea **185**, 1596.
Time (magazine): Apology to. **321**, 1041.
Timmons, Signal Quartermaster, U.S. Navy: A true story of...the old navy. J.A. Mudd **154**, 1707.
Tinaz Tepe (Turk.) **354**, 1229.
Tin Balloon (ZMC-2): **330**, 730, 741.
Tingey, Thomas: Captain Thomas Tingey, U.S. Navy (Port.). F.W. Hackett **121**, 119.
Tin Hats: Editorial **294**, 936.
Tinker, C.A.
Airships a Necessity **245**, 1223. **249**, 1926.
Bulwarks of Brain and Brawn **298**, 1272.
Capital War Craft Essential for Naval Campaign in Orient **281**, 1454.
What Price Pacifism? **286**, 2458.
Whys and Wherefores of Airships **231**, 691.
Tinsley, J.H.: Stalking Their Prey (anec) **775**, 57.
Tipton, W.D.: Causes of Aviation Accidents **293**, 829.
"Tireless Tee" Goes Forth to War. D.M. Agnew **497**, 831.
Tirpitz, A.P.F. von
The Day of the Submarine **155**, 286.
Grand Admiral von Tirpitz **158**, 1285.
Sketch of Career **154**, 1799.
Tirpitz Technique. F.G. Percival **439**, 1245.
Tirpitz (Ger.): Tirpitz Tale. B. Wilkinson **614**, 375.
Tisdale, M.S. **387**, 717. **688**, 107.
Communications Afloat **227**, 35.
Cruiser Through First Academic Journal **253**, 352.
Did the Cyclops Turn Turtle? **203**, 55. **206**, 603.
Intelligence Tests at Naval Academy **264**, 202.
Lo! The Poor Janitor **360**, 167, 268, 305. **362**, 569.
Naval Academy of Today and Mission **241**, 453. **249**, 1876.
Speeding Up Communications **223**, 1413.
Tisdale, R.D.
The Johnson Cast-steel Armor-piercing Shot **69**, 67.
Naval Apprentices: Training... Honorable Mention, 1896: **78**, 265.
Proof of 13-inch B.L.R. Gun and Mount **69**, 199.
Tisza, Stefan (Count): Resigns as Premier of Hungary **173**, 1644.
Titanic (Br.)
Keel Laid; Cost **128**, 1355.
Launched; description **138**, 668.
Lord of the Californian. J.C. Carrothers **781**, 58. **784**, 109, 110. **786**, 111, 112. **790**, 106, 108.
Loss of the Titanic **142**, 808. **158**, 1213.
Salvager Wishes to Buy Titanic (Nbk) **789**, 160.
Salvage Team Plans to Raise Titanic (Nbk) **804**, 125.
Titanic Disaster. J.C. Carrothers **710**, 57. **717**, 115, 117, 118.
Titania (Br.): See: McLintock's Calculated Risk.
Titanium--A Promising Naval Material (ProfNote). J.J. Harwood **623**, 113.
Tithonus (SS): Torpedoed **183**, 1148.
Titoni, Renato: Early Signs of an Intended Invasion **150**, 345.
Tito's Navy. R.B. Asprey **672**, 73.
Tito Speri (R.I.N.) **328**, 549.
Tjerk Hiddes (Neth.): See: FOST Work-Up: Thursday Morning War; C.V. Gordon.
Toal, F.C.: Navy Transportation Logistics **557**, 777.
Toast, Early Naval **385**, 449.
Toasting, Origins of **849**, 52.
Tobacco Report, U.S. Naval Academy: Report on the Use of Tobacco by the Cadets at the U.S. Naval Academy (OldNav) **802**, 152.
Tobacco Trade of Virginia and Maryland, British Navy and. S. Gray **403**, 1300.
Tobin, G.J.: Ready for Sea (ProfNote) **682**, 132.
Tobin, George **712**, 113.
Fleet Electronics Troubles (ProfNote) **705**, 138.
Tobin, W.E., III (BkRev) **764**, 135.
Fearless in the B.A. to Rio Race **754**, 66.
Well Indoctrinated (anec) **789**, 117.
Toch, Maximilian: On cheaper paint for the navy **141**, 301.
Todaro, D.G.: Small Combatants--1973 (Baker) (C&D) **851**, 75.
Todd, F.A.
Boatswain's Mate Passes Word **416**, 1458. **419**, 106.
Factor of Safety in Navigation **222**, 1221.
Growth of Naval Officers **355**, 1325. **358**, 1799.
Present Vital Need of a Navy Personnel Policy. F.A. Todd **193**, 377.
Working During Working Hours **363**, 666, 782, 1190.
Tode, A.M.
American Shipping in Post-War Era **487**, 1213.
New York State Merchant Marine Academy **321**, 959.
Togo, H. **329**, 597.
Passing of Togo. C.L. Lewis **384**, 229.
Togo, Heihachiro: See: Chemulpo, High Noon at.
Togoland: Seized by British Forces, 1914: **153**, 1579.
Tokomaru (SS): Sinking of the Tokomaru **156**, 651.
Tokuyama Maru (SS): Torpedoed **187**, 2203.
"Tokyo Express": Battle of Bella Gulf. V.A. Sherman **503**, 61.
Toles, G.E.: Wholesale Waste (anec) **725**, 145.
Tollaksen, D.M.: Last Chapter for U-853: **694**, 83.
Tollefsen, Even: See: Tankers, Norwegian Sailing.
Tolley, Kemp
Bear That Swims Like a Fish **820**, 41.
Bilingual Gun Crew (anec) **688**, 54.
Book Review **739**, 122. **825**, 98. **830**, 108.
Boys Will Be Boys (anec) **682**, 143.
Casualties, Time, and Money (ProfNote) **694**, 135.
A Century of Foreign Languages in the Navy **744**, 43. **749**, 110.
Cruise of the Lanikai (OldNav) **847**, 76.
Divided We Fell **764**, 36. **767**, 96.
Mikasa: Japan's Memorial Battleship (Powers) (C&D) **881**, 83.
Our Russian War of 1918-1919: **792**, 58. **796**, 112. **799**, 108, 110.
Please Stop (anec) **732**, 83.
Stop, Look, and Listen **770**, 58. **778**, 103.
Strange Assignment of USS Lanikai **715**, 71.
To The or Not to The; In or On a Ship (C&D) **772**, 113. **775**, 115.
Tovarishch: The Trailbreaker (C&D) **840**, 85.
YandPat--Shanghai to Chungking **724**, 80. **725**, 112, 113. **728**, 125, 127.
Tomb, J.H. **363**, 738. **366**, 1189.
Education of Merchant Marine Officers **355**, 1277. **358**, 1801.
New York State Merchant Marine Academy **435**, 703.
Tomb, J.H.
Personnel Legislation **140**, 1239.
Submarines; Types, Operations, and Accidents **116**, 965.
Tomblin, B.B.: High Noon at Chemulpo **798**, 70.
Tombs: See: Monuments.
Tombstone Promotions (C&D) **792**, 115. **797**, 109. **802**, 112.
Tomlinson, C.P. **642**, 875.
Tomlinson, M. **542**, 484.
Toms, J.E.: Justice in the Battle Zone **796**, 52.
Toner, R.J.
USF Essex 32 (OldNav) **644**, 1136.
Flood **426**, 1162.
Great Lakes Training Squadron **410**, 538.
Impressions of Duty with CCC: **399**, 670.
The Latin American Military **789**, 64. C&D: **798**, 106.
Typhoon December 1944 (OldNav) **886**, 68.
We Are All Americans **683**, 23.
Tonesk, W.J. **618**, 934.
Toney, A.L. **410**, 557.
Tong, Twelve Points of Mr. **283**, 1843.
Tongan Islands: Tofua, Lighthouse

Tongan Islands (Cont.)
Volcano **372**, 265, 294.
Tongue of the Ocean (TOTO): AUTEC and Inner Space (ProfNote). L.L. Jackson, Jr. **787**, 138.
Tongue-Tied Navy. J.H. Cotten **677**, 43.
Tonkin Gulf
Linebacker Strike. R.C. Powers **858**, 46. **862**, 76.
Prepare to Sweep Mines. M.W. Searight **803**, 54.
Tonnage **206**, 646.
Demands of Five Powers **326**, 356.
Rules for Calculation. C.H. Hermance **205**, 409.
Tonnage Definitions **185**, 1635.
What Does 1,000,000 Tons Mean? **184**, 1350.
Tonnage Measurement
Ship Tonnages (ProfNote). Robert Mac Alvanah **721**, 132.
Uniform Tonnage Measurement. R.T. Merrill **586**, 1297. **590**, 439. **592**, 668. **645**, 1229.
Tooker, Dorothy: The Strange Search for John Paul Jones **629**, 808.
Toole, G.H.: Coast Guard Academy **335**, 109.
Toole, W.D., Jr.
Aide and Comfort to the Admiral **799**, 46. **803**, 100. **806**, 105.
Co-author: See: E.J. Miller.
The 1100 Officer: Endangered Species **841**, 51.
Knot Possible (anec) **866**, 99.
Military Cover and Deception vs. Freedom of Information **874**, 18. **877**, 116, 119. **878**, 84.
Naval Aviators, the Old and the Bold **803**, 67.
The New Character of Warfare **889**, 18.
The Six-Day War of 1967 (C&D) **789**, 105.
U.S. Navy's Hurricane Hunters **691**, 48.
Toomey, A.R.: Why I Am in Navy **292**, 671.
Top Gun: See: Fighter Weapons School.
Topography: See: Aerial Photography; Hydrography; Soundings; Surveying.
Topolobampo: See: Mexico.
Topp, E.: Navigation Progresses **338**, 490.
Topping, A.D.: Design of the Great Airships (C&D) **784**, 117.
Torchlight Procession **287**, 70.
Tordenskjold (Danish seaman) **343**, 1194.
Torisu, Kennosuke, and Masataka Chihaya: Japanese Submarine Tactics **696**, 78.
Torpedo Attack and Defense of USS Tennessee. R. Boyd **41**, 266.
Torpedo Boats
See also: Names of.
Armor Plated **79**, 662.
British, Kronstadt, 1919: **451**, 1324.
British Seagoing Torpedo Boats of 1907: **124**, 1520.
Carriers. A.E. Sokol **477**, 1586.
Concerning the tactical employment of torpedo-boats. L. Vannutelli **136**, 1101.
A Defense of the Torpedo-boat **87**, 519.
Destroyer and Depot. O.W. Koester **92**, 851.
Destroyers with Water-Tube Boilers **76**, 924.
Early Motor Torpedo-boat (1907): **123**, 1292.
England: Britain's Secret Weapon Against Bolsheviks. G.W. Patterson, III: **575**, 39.
for the British Government **51**, 596.
French Torpedo Boats of 1906: **120**, 1576.
Future Fleet. F.G. Percival **462**, 1075.
German Torpedo Fleet of 1907: **124**, 1517.
Italy: Did They Forget to Dare? A. Halsey, Jr. **492**, 169.
Japan **343**, 1262.
Mosquito Boat, Use of Term **451**, 1371.
Mosquito Craft Had Ancestors, Too. C.C. Hanks **470**, 477. **472**, 853.
Mosquito Stings. R.H. Smith **454**, 1693.
Motor Torpedo-Boats
1906: **120**, 1614.
Robertson, H.T. **451**, 1289.
A Technical Study. G. Adamson and D. Van Patten **449**, 977.
New Swedish Motor (ProfNote). Bertil Erkhammar **769**, 137.
Organization and Service. W.W. Kimball **100**, 713.
Our Torpedo-Boat Flotilla. E.L. Beach **105**, 117.
Petrol Torpedo-Boats (1905): **117**, 368.
Policy: Prize Essay, 1897. R.C. Smith **81**, 1. Disc. **81**, 153, 360.
Protection Against. **68**, 489.
Revival of the Torpedo-Boat (1919): **198**, 1422.
Tactical Considerations in. A.P. Niblack **93**, 167.
Tactics. T. Brassy (Tr.) **14**, 400.
Tactics of Torpedo-Boats. In Daveluy, R.: Genius of Naval Warfare **136**, 1037.
The T.B. 3 and the Savage Sea. F. Poole **861**, 40.
Their Organization and Conduct. Prize Essay for 1892. W. Laird Clowes **62**, 181.
Torpedo-boat Efficiency in Russo-Japanese War **111**, 669.
Torpedoboat Races (U.S.) in 1907: **123**, 1309.
Torpedo-Boat Strength of World's Navies, 1907: **122**, 887.
United States **333**, 1009. **335**, 69.
Value **233**, 1196. **239**, 179.
Torpedo Boats. H.A.V. von Pflugk **462**, 1115.
Yarrow Motor Torpedo Boats (1906): **119**, 1149.
Torpedo Craft: Types and Employment. Prize Essay, 1900. R.H. Jackson **93**, 1.
Torpedo Crews--Training
Gunnery and Torpedo Training in British Navy (1904): **109**, 221.
On our torpedoboat flotilla (training of crews). R.H. Jackson **106**, 441.
Training for Torpedo Efficiency. E.L. Beach **105**, 117.
Torpedoes
See also: Hammond Radio Control System; Submarine Warfare.
Advent of the Ringtailed Aircraft (C&D) **821**, 97.
Aerial Torpedoes (1910): **135**, 903.
Air, Tests of. **226**, 1982.
Airborne Torpedoes. N.W. Emmott **894**, 46.
Alarm, USS: An Experiment (OldNav). R.H. Rankin **748**, 176.
All Torpedoes! Vittorio Cuniberti. Tr. by Thomas Whithers, Jr. **149**, 27.
Automobile Torpedoes
Automobile Torpedoes: Their Use and Effectiveness. L.H. Chandler **108**, 883.
The Automobile Torpedo and Its Uses. L.H. Chandler **93**, 47.
Drake, F.J. **65**, 1. **108**, 906.
Fiske, Bradley A. **108**, 911.
in 1912: **144**, 1674.
Smith, Roy C. **108**, 913.
"Blank" Torpedo Shooting. G.M. Dahl **110**, 389.
British Torpedo Firing, 1910: **134**, 625.
British Torpedo Trials of 1907: **122**, 875.
The Buonaccorsi Automobile **67**, 297.
Creep, or Latitude Fire, in Torpedo Fire. T.C. Evans **405**, 1593.
Cushing's Torpedo Launch: Illus. and description. In Stewart, C.W., William B. Cushing **142**, 425.
Davids of Sea. L.S. Palen **310**, 1035.
Davis Projectile Torpedo **128**, 1343. **142**, 786.
The Deadly German Torpedo (1915): **156**, 560.
Detonator, Standardizing Electric **374**, 505.
Effect of mines and torpedoes on merchant ships **183**, 1110.
Effect of torpedo explosions (illus) **112**, 883. **185**, 1633.
Effects of torpedoes on Belleisle Hulk, 1903: **107**, 766.
"Elswick" Separate Vessel Heater **123**, 1318.
English **236**, 1817. **346**, 1723.
Experiments (1909) with Whitehead and Hardcastle Torpedoes **129**, 309.
Experiments with. **96**, 693.
Experiments with Live Torpedoes (British, 1902): **113**, 238.
Failure of the torpedo in Russo-Japanese War **145**, 395.
Fittings
De Luca-Whitehead Torpedo Tube, Remarks **100**, 840.
Great Britain--Navy. Abovewater Tubes **100**, 839.
Leavitt Air-heating Apparatus, description **100**, 840.
Torpedo Tubes, Removed from British cruisers **98**, 436.
Frankford Arsenal Aerial Torpedo **166**, 2010.
Fulton, R. **396**, 231. **406**, 1746.
Fulton's "Torpedo System" in War of 1812. D.W. Thomson **523**, 1207. **525**, 1469.
A General Description of the Whitehead Torpedo. W.J. Sears **85**, 89.
German Progress in Torpedo Warfare (1913): **150**, 513.
The German Torpedo of 1911: **137**, 288.
German 21-inch Torpedo (1913): **147**, 1357.
Guns Compared with Torpedoes **184**, 1332.
Gyroscopic. N.B. Clark **46**, 606.
Gyroscopic Control of Torpedoes **156**, 561.
The Halpine Dirigible. C.S. Radford **71**, 606.
The Howell. A. Gleaves **73**, 125.
The Howell Automobile. E.W. Very **54**, 333.
Howell Automobile Torpedo (OldNav). B. McCandless **764**, 174. **769**, 115.
Human: Too Little Too Late. J.B. Wilkinson **516**, 221.
In Big Ships **300**, 143.
In Exercise and Battle. J.M. Ellicott **83**, 413. Disc. **83**, 563.
Influence of the torpedo on ship construction. A. Pollen **168**, 403.
In Our War **86**, 349.
In Steam Launches..., The Employment of. C.C. Arnault. Tr. by T.B.M. Mason **11**, 79.
Italian Torpedo Firing Experiments (1909): **131**, 991.
Japanese **243**, 863. **352**, 931.
Kaiten--Japan's Human Torpedoes. Yutaka Yokota and J.D. Harrington **707**, 55. **713**, 118, 119.
Lindsay's Questions on Submarines **306**, 689.
Mark 46 ASW Torpedo Is Coming (Nbk) **746**, 142.
Naval Aerial Menace Number One. J.A. Collett **474**, 1139.
New Method of Warfare. H. Woodhouse **470**, 539.
Obry Device for. J.H. Sypher **84**, 655.
Orling-Armstrong Torpedo **100**, 840.
Prize Essay for 1888. W.W. Reisinger **46**, 483.

Torpedoes (Cont.)
The Leon Torpedo **160**, 2050.
New British Torpedo (1903): **105**, 289.
Photograph showing explosion of torpedo against vessel's hull **163**, 967.
Problem of firing at a fleet underway with long range torpedoes. H.H. Frost **146**, 681. **148**, 1719.
Progress of the torpedo (to 1908): **126**, 731.
Radius of action of the torpedo. In Bernotti, R.: Naval Tactics **139**, 890.
Shape of Tomorrow's Torpedo. W. Hughes **560**, 1145.
Shonnard 50-knot **232**, 1045.
Sneak Craft Attack in Pacific. J.B. Wilkinson **529**, 279.
Some notes on torpedo gyroscopes and their adjustment in service. W.P. Williamson **161**, 157.
Spar Torpedoes
For Attack of Submarine Boats **98**, 437.
Russian Mines on the Danube (C&D) **770**, 117.
Speed and Range of (1912) Torpedoes **143**, 1154.
Steam Turbine **264**, 323.
Tale of Lost Torpedo. S.W. Moses **303**, 381.
Their Disposition... C.F. Goodrich **10**, 479.
Torpedo and mine effects in the Russo-Japanese War. M.C. Ferrand. Tr. by P.R. Alger **124**, 1479.
Torpedo Discharge
Below Water. Captain Lloyd **92**, 926.
The Problem of. A. Gleaves **74**, 339.
Torpedoes in Battle Practice **125**, 353.
Torpedoes in 1810: **137**, 317.
Torpedo Experiments **39**, 641.
Torpedo Fire at Moving Targets
Alger, P.R. **129**, 171.
Chapuis, M. **129**, 153.
Torpedo Fire from Surface Craft. R.E. Krause **310**, 1051. **314**, 322.
Torpedo Nets **86**, 385. **39**, 641.
The Torpedo on Capital Ships. R. Bernotti. Tr. by Thomas Withers, Jr. **154**, 1775.
Torpedo on the Starboard Beam (OldNav). C.F. Pick **810**, 90.
Torpedo Operations in Naval Warfare. L.H. Chandler **95**, 417. Disc. **97**, 141. **99**, 584.
Torpedo Problems for Destroyers. H.H. Frost **257**, 1041.
Torpedo Ranges: Accurate Measurement of Torpedo Ranges. F.L. Craven **164**, 1225.
Torpedo Safety Devices. E. Gathmann **96**, 629.
Torpedo Service of Today and Tomorrow. P. Foley **130**, 513.
Torpedo Station, Special Researches. H.S. Knapp **67**, 249.
Torpedo Tactics: Fleet Exercises **299**, 66.
Torpedo Trials with Airheating Apparatus (1902): **101**, 162.
Torpedo Vessels, Cruisers and. **95**, 543.
Torpedo Warfare: See: Submarine Warfare; Torpedoes.
Trackless **224**, 1664. **225**, 1799.
Trinitrotoluol, or trotyl, Torpedo Charges. G.H. Filho. Tr. by A.B. Hoff **146**, 721.
Turbine-Driven Torpedo Tests (1904): **110**, 464.
United States Navy: Remarks from Report of Chief of Bureau of Ordnance **100**, 839.
U.S. Navy's Torpedo Inventory (ProfNote). S. Kurak **763**, 144.
U.S. Turbine Propelled Torpedo, 1906: **117**, 363.
Use of Torpedoes in Russo-Japanese War **112**, 882.
Varicas: description **97**, 207.
Warfare. H. Russell **336**, 268.
Warfare with. **244**, 1016. **356**, 1522.
Whitehead Torpedo Trials (1904): **110**, 467.
Wire-guided: The Nuclear Submarine: Riding High. W.J. Ruhe **864**, 55. **869**, 82.
Torpedo Planes **170**, 855.
Bombing vs. Torpedo Planes. L.C. Ramsey **345**, 1509.
Division of Atlantic Fleet **213**, 1850.
Douglas **242**, 553.
Earle, Ralph **198**, 1409.
English **244**, 1038. **298**, 1327.
The Fiske Torpedoplane **173**, 1525.
French **248**, 1716.
Future Use of the Torpedo-Plane. B.A. Fiske **179**, 137.
Gun Defense. R.K. Turner and T.D. Ruddock **236**, 1687.
Gunnery **220**, 966.
In Future Naval Battles **209**, 1130.
Martin **207**, 779. **209**, 1132. **215**, 113. **328**, 556. **343**, 1176.
Navy **211**, 1528.
Study **209**, 1128.
Tests **207**, 769, 779. **235**, 1601. **237**, 1966.
Torpedo Attack from Aircraft **155**, 210.
Torpedoes from Air **235**, 1605. **247**, 1558.
Torpedo Plane and Bomber. B.A. Fiske **235**, 1473.
Torpedoplane Development, 1917: **176**, 2317.
Who Invented **220**, 967.
Woodhouse, Henry **195**, 743.
Torpedo Protection
See also: Ships, unsinkable.
Anti-torpedo Construction of USS Maryland **196**, 1041.
Anti-torpedo Protection **158**, 1339.
"Blisters" on British Ships **194**, 648.
Bottom Armor for Battleships **153**, 1508.
"Bulge" Protection in British Ships **196**, 1037.
Construction of the Danton **172**, 1238.
Double Hull as Torpedo Guard **159**, 1685.
French Aircushion Method of Defense Against Submarines **153**, 1506.
German Battleships to Be Equipped with Nets (1911): **137**, 288.
Hudson Maxim's Plan for Torpedo-Proof Ships **174**, 1857.
Making Vessels "Torpedo-Proof" **181**, 654.
Nets of the Moltke (illus) **144**, 1633.
New Torpedo Net Equipment (1911): **140**, 1424.
Protection Against Torpedoes **156**, 576.
Protection of Battleships Against Torpedoes and Mines **142**, 785, 787.
Safety Nets of Various Navies (1907): **124**, 1536.
Torpedo Nets Proved Ineffective; the Triumph Disaster **157**, 966.
Torpedo Tubes
Bore Sighting Submarine. D. Royce **208**, 873.
Exit via: USS Porpoise and Ken Whiting (OldNav). G. Van Deurs **835**, 80.
French New Torpedo-Tube Design (1913): **151**, 831.
Removal of. **79**, 689.
Torpedo Tubes in Battleships
Belknap. R.R. **107**, 562.
Chandler, L.H. **107**, 563.
Drake, F.J. **107**, 553.
Hill, F.K. **107**, 560.
Murdock, J.B. **107**, 547.
Torpedo Tubes in Large Warships **164**, 1302.
Value of Above-water Torpedo Tubes **152**, 1233.
Torque-Free Line Retrieves H-Bomb (ProfNote). V. Hollingsworth, Jr. **771**, 146. **774**, 108.
Torrey Canyon (U.S.)
Black Tide of the Torrey Canyon (ProfNote). T.B. Wilson, Jr. **778**, 133.
Black Wake of the Torrey Canyon. J.M. Marshall **778**, 38. C&D: **782**, 100, 102.
Torrey Canyon Suits Settled (Nbk) **805**, 128.
Torry, J.A.H.: Minesweeping from the Air (ProfNote) **695**, 138.
Tosa (HIJMS) **208**, 938.
Tosi Turbines: Efficiency of Tosi Turbines in Italian Vessels (1913): **150**, 548.
Totten, J.C.: The 1100: He Flies Not; Neither Does He Sink (Nelson) (C&D) **836**, 91.
Toucey (USS) **346**, 1664.
Tourek, J.M.: Where Is the Western Navy? The World Wonders (Garde) (C&D) **870**, 84.
Tourtellot, A.: C.J. Soong and U.S. Coast Guard **552**, 201.
Tours
See also: Across Continent, etc.
Book Review **358**, 1821.
Rio to Amazon in Do-X. W.H.P. Blandy **356**, 1432.
Tourville, A.H. de C.: Strategy and Tactics of. See: Darrieus. War on the Sea **125**, 151.
Tourville (Fr.) **304**, 499. **328**, 505, 546. **336**, 256. **337**, 401. **347**, 126. **350**, 615. **352**, 924. **354**, 1224.
Toussaint L'Overture, Arrest of, at Gonaives **407**, 53.
Tovarishch (ex-Gorch Fock) (Rus.) **840**, 85.
Towers, J.H. **608**, 1139.
Towers, John Henry **821**, 38. **824**, 36.
To Whom the Blame? B. Livingston **308**, 895.
Towing
See also: Inland Waterways; Tugs and Towing.
Aircraft **253**, 489.
Crane Ship. R.B. Carney **430**, 1776.
Hell Gate (U.S.A. dredge): It's a Long, Long Trail to Hawaii. H.V. Wiley **418**, 1737.
How Cushing towed Murray. P.W. Hains **212**, 1619.
Ocean Tow. J.W. Welch **408**, 207, 294.
A Record Transoceanic Tow, New York to Shanghai in 82 Days **164**, 1321.
Recovery of Towing Wire Without Towing Winch **698**, 108. **707**, 121.
Towing Procedure **660**, 109.
Towing When It Counts (ProfNote). E.B. Pugsley **652**, 671.
Towing: Try Grounding, Tips on (ProfNote). W.P. Dukeshire **789**, 137.
Transatlantic Barge Towing **115**, 741.
Two Tugs and Freighter. C.C. Hanks **412**, 810.
Voyage of the Dewey
Bennett, F.M. **120**, 1163.
Wood, J.W. **121**, 385.
Towing Basins: See: Models.
Towle, E.L. **708**, 108.
Town, F.E.: Expeditionary Corps of 1861: **359**, 20, 149.
Towner, G.C. **449**, 1025.
Townsend, J.H.: ASW Officer: Jack of All Trades, Master of None (Mackie) (C&D) **838**, 93.
Townsend, P.L.
The Hand of Hope **883**, 38.
Vertical Assault: The Proof is in the Doing (ProfNote) **897**, 117. **902**, 82. **906**, 84.
Traditions, Customs, and Sea Terms
Basis of Our Naval Tradition. F. Pratt **414**, 1107. **418**, 1779. **421**, 403.

Traditions, Customs, and Sea Terms (Cont.)
Boatswain's Mate Passes the Word. F.A. Todd **416**, 1458. **419**, 106.
Boot, Origin of Term **513**, 1353. **518**, 575. **523**, 1221. **527**, 79.
Chanty; Lasting Tribute to American Merchant Sailor of Last Century. E.H. Clark, Jr. **458**, 501.
Dipping Flags **551**, 100.
Etiquette: Let's Keep Calling **588**, 201.
Finnish Sailors **443**, 150.
Flogging in United States Navy. L.F.S. Horan **571**, 969.
Grog. Its Origin and Use in United States Navy. C. Lathrop **385**, 377.
Highest Traditions. A.M. Harlow **538**, 1471.
History, Tradition and the Naval Reserve (ProfNote). H.N. Kay **707**, 146.
Irish Pennants **410**, 560. **412**, 872. **414**, 1170. **416**, 1483. **421**, 411. **423**, 742. **428**, 1497. **432**, 252. **434**, 578. **437**, 1042. **439**, 1334. **440**, 1484. **441**, 1634. **442**, 1781. **445**, 414. **448**, 869.
Knot, What Is? **587**, 88.
Language, Sea, and Its Origins. E. Ranney **419**, 9. **421**, 403. **423**, 741. **424**, 892.
Language, Seagoing. A.B. Cook **407**, 45. **420**, 251.
Larboard **430**, 1775.
"Milen" for Nautical Mile **447**, 765.
Naval Academy, Perpetuation of History and Tradition at, Today. R.R. Duval **423**, 669. **426**, 1186.
Naval Terminology Today—Two Point Five. W.J. Miller **563**, 15. **567**, 561.
Naval Tradition and National Vision. Louis Banks **725**, 42.
Pier, Wharf, and Dock **577**, 320. **583**, 993.
Questions for Answer. F.J. Nelson **479**, 55.
Salty Lingo. A.B. Cook **631**, 1017.
Salutes, Gun **443**, 82.
Slang, American Naval, Hundred Years Ago. A.G. Day **469**, 376.
"Splice the Main Brace." R.E. Bassler **417**, 1588. **424**, 891.
Starboard and Larboard, Origin **434**, 576.
Windas, C.W. **485**, 1043.
Tracking Ship, U.S.A.F. to Develop (Nbk) **792**, 159.
Tracks of Vessels During Trials... E.H.C. Leutze (Tr.) **54**, 431.
Tracy, Nicholas: Toward a Navy Second to One (Smith) (C&D) **847**, 93.
Tracy (U.S.): Raft of Trouble (OldNav). W.H. Galbraith **826**, 74.
Trade. D.W. Knox **297**, 1207.
Trade Barriers, International **286**, 2633.
Trade, Foreign: See: Commerce.
Trade Routes: Arctic Passages of North America. R. Boyle **791**, 48. **797**, 110.
Traders
American, Abroad. E. Colby **390**, 1094.
Earliest Explorer-, of Northwest Coast. A.G. Day **466**, 1677.
Trades: Navy Service Schools. O. Smith **278**, 691.
Traditions
See also: History.
Russia's Fictitious Naval Tradition. P.J. Rollins **839**, 65. **844**, 93. **850**, 89.
Trafalgar, Battle of **359**, 15.
See also: Frost, H.H. **158**, 1074; Knox, D.W. **152**, 1015.
Death Knell of an Alliance. C. Moran **417**, 1567.
Description of British Ships at Trafalgar **115**, 744.
Nelson at Trafalgar. H.H. Frost **188**, 2323.
Signalman, Nelson's **428**, 1416.
Three Naval Campaigns—A Study in Disaster. P.R. Osborn **424**, 874.
Trafalgar, Letter From (OldNav). C. West **851**, 71.
Trail, Ray
Permission Granted (anec) **668**, 37.
Reason Enough (anec) **628**, 657.
Train, C.R.: Development of Naval Reserve **308**, 843.
Train, H.D.: Purple Does Not Refer to the Racing Colors of Wheatley Stables **865**, 50.
Trainbusters
Trainbusters in Korea **640**, 657.
Who Are the "Trainbusters"? **638**, 461.
Training
See also: Education.
Let's Return to the Striker System. C.H. Morgan, Jr. **652**, 612.
Organization of Crews... Prize Essay, 1891. A.P. Niblack **57**, 3.
Refresher Training (C&D). C.W. Fisher **789**, 116.
Submarine Tactical Training (ProfNote). T.A. Long, Jr. **818**, 105.
Training Camps: See: Camps.
Training and Discipline Required to Promote Efficiency. W.F. Fullam **55**, 473.
Training and Enlisting Naval Apprentices. R.D. Tisdale **78**, 265.
Training Courses, Story of. E. Pinkowski **516**, 251.
Training Devices: Every Man's Task Force. J.C. Shaw **767**, 62.
Training Gear
Electric **77**, 227.
Hydraulic **77**, 236.
Training Man-of-War's Men: Letter on. F.E. Chadwick **98**, 269. Disc. **100**, 749.
Training, Military. H.G. Beyer **81**, 311.
Training, Naval (with Disc.) S.B. Luce **54**, 367.
Training Naval Apprentices. R.D. Tisdale **78**, 265.
Training Nuclear Engineers: See: What We Don't Know Can Hurt Us. J.F. Calvert.
Training of Engineer Students. R. Mayston **92**, 940.
Training of Enlisted Men of Engineer Force. W.M. Parks **42**, 341.
Training of French Naval Officers **77**, 222.
Training of Seamen, The. F.E. Chadwick **11**, 17.
Training Service, The. G.R. Clark **74**, 335.
Training Ships and Stations
See also: Naval Training; Names of Ships and Stations.
Cadet: Tall Ships and Sailormen: Operation Sail 1972. D.V.V. Wood and K.W. Thompson **852**, 40.
Germany **419**, 40.
Great Lakes Training Squadron. R.J. Toner **410**, 538.
Is a Square-Rigger Still the Best Teacher? **707**, 113. **711**, 118, 119.
Japan, Sailing School Ships of. J. MacMullen **435**, 669.
Miniature: Shiphandling Training Gets a New Model (ProfNote). F.V. Rigler **862**, 110. C&D: **882**, 78.
Minnesota. T.B. Noyes **11**, 99.
Naval Academy: Midshipmen Cruises. K.W. Patrick **392**, 1545.
Naval Academy Practice Ships. P.H. Magruder **375**, 623, 729.
Sail, Why Training In? J.W. Baldwin **427**, 1262. **430**, 1795. **431**, 98.
Sailing Gunroom for the Italian Navy (ProfNote) **710**, 137.
School of the Ship (ProfNote). R.R. Tarbuck **724**, 140.
Shipping Board, 1917-22: **467**, 22.
Square-Rigger Still the Best Teacher? G. McGowan **698**, 42. **704**, 121.
Sweden Reefs Her Sails. R.L. Simons **418**, 1722.
Training in Sailing Vessels Carries On. F.E. Clark **632**, 1135.
New Jeanne d'Arc (ProfNote). P. Clement **740**, 123.
Training Technology: Breakthrough in Navy Training (ProfNote). G.D. Mayo **749**, 134.
Trajectory in Air, Angle of Elevation... W.W. Johnson **57**, 61.
Tramontane (FN) **286**, 2565.
Trans-American Route: Strategic Mobility: Impetus for a Southwest Passage. J.W. Dindinger **878**, 33. **881**, 82. **883**, 82.
Transatlantic Flights
See also: Aeronautics—Distance Flights.
"Paint and Pluck—and the NC-4" (OldNav). T. Wilbur **795**, 146.
Transformers, Foettinger Hydraulic **235**, 1600.
Transit, Project: See: Freitag, R.F.
Transmodalism. R.P. Holubowicz **780**, 64. **783**, 106. **785**, 97, 100.
Transoceanic Corp: Shipping Board Report **304**, 503.
Transplacement: Marine Corps Transplacement (ProfNote). C.G. Dunnagan **751**, 136.
Transportation
Air: See also: Airways.
Arctic Alaskan Transportation (NavRev). J.W. Moreau **807**, 98.
Bridge Across Atlantic. Y. Stirling **271**, 1669.
Industry: The Other Revolution. R.P. Holubowicz **812**, 42.
International: Transmodalism. R.P. Holubowicz **780**, 64. **783**, 106. **785**, 97, 100.
Land Bridge Comes of Age. G.D. Saunders **850**, 38. **856**, 100.
Land Bridge, From Sea to Shining Sea. G.D. Saunders **797**, 44. **801**, 127.
Logistics, Navy. F.C. Toal **557**, 777.
MATS' Role in Naval Logistics. J.A. Rebentisch, Jr. **736**, 76.
Oil at Sea **331**, 860.
Overland Transportation
Navy Overland, in Polar Regions. G.W. Grupp **560**, 1123.
Overland Transport of German Ships During World War II. F. Popp **623**, 27.
Southwest Passage? H.H. Gibbs **794**, 64. **799**, 118. **800**, 104, 105.
The Sea and Soviet Domestic Transportation (NavRev). R.E. Athay **831**, 158.
Transportation of Troops Overseas
See also: Convoys.
British Overseas Transportation System in the War **177**, 2617.
Helplessness of Transports. In Tittoni, Renato. Early Signs of... Invasion **150**, 350.
Notes on Oversea Transport of Men. P. Foley **138**, 495.
Transport of Troops **92**, 952.
Transports **208**, 929. **227**, 122. **290**, 463.
U.S. Goods in U.S. Ships **342**, 1118.
World With Bulk Cargo Aircraft. J.D. Hayes **639**, 497.
Transport Planes: See: Aviation—Aircraft.
Transports
See also: Names of.
Comparison of Old and New Indian Troopships **112**, 857.
Military Sea Transportation Service, Carrying Cargo in. C.V. Ricketts **577**, 289.
Military Sea Transportation Service (Pict) **586**, 1327.

Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
New U.S. Transport (1913): **148**, 1762.
Ocean Shipping and Control. P.R. Lackner **565**, 309.
Saga of Unsung--Destroyer Transports. J.W. Bernhardt and F. Hailey **504**, 177.
The St. Louis as a Transport. C.F. Goodrich **89**, 1.
Transylvania (Brit. transport): Torpedoed **173**, 1609.
Tranter, A.W.: Prestige on the Lower Deck **747**, 46. **750**, 109, 110. **753**, 119, 121, 122.
Trapnell, F.M.: Cruise of the Neversink (OldNav) (Thomas) (C&D) **818**, 95.
Travalio, M.R.: Mechanical Instrument Repair and Calibration Shops (ProfNote) **775**, 139.
Travers, M.J.: Restless Mind **738**, 65. **741**, 107, 108.
Trawler! C.R. Stephan **787**, 60. C&D: **791**, 101.
Treacher, J.D. **769**, 105.
Some Aspects of ASW in the Royal Navy (ProfNote) **764**, 152.
Treadwell, L.P.: From Cavite to Portsmouth **257**, 1082.
Treadwell, T.K., Jr.: Soviet Oceanography Today **747**, 26.
Treason
Freedom of the Press or Treason? Grant Sanger **895**, 96. **898**, 77, 79.
U.S. Constitution's Provisions Regarding Treason **171**, 1092.
Treasure
Gold Ballast: War Patrol of USS Trout. J.L. Dettbarn **683**, 51. **689**, 94.
Japanese Treasure Hunt in Manila Bay. W.L. Marshall **661**, 37.
Treasure Island, California, ROC School (Pict) **584**, 1093.
Treasure Ships: Armada Treasure Myths. 1910: **136**, 1197.
Treasure Train, Confederate Midshipmen and T.S. Dukeshire **652**, 628.
Treasury of Early Submarines (1775-1903) (Pict) **771**, 97. **776**, 111. **778**, 104. C&D: **783**, 112.
Treaties
See also: Summit Conference, NATO; Names of Treaties.
Adjudication of the Nicaraguan Case **166**, 2085.
Alliance Diplomacy in Limited War. G.F. Eliot **770**, 52. **776**, 102.
An Alliance Initiative. G.W. Cox **861**, 44.
Alliances: The Ties That Bind. A.J. Cottrell and S.L. Harrison **787**, 26. **790**, 101.
Anglo-Afghan **227**, 153.
Anglo-American Liquor **251**, 148. **253**, 502. **257**, 1210.
Anglo-Egyptian **329**, 666.
Anglo-French Naval **307**, 807. **308**, 919, 928. **309**, 1021. **310**, 1107.
Anglo-Irish **231**, 860.
Anglo-Japanese Treaty of 1911: Text **153**, 1557.
The Anglo-Persian Treaty **200**, 1816.
Anglo-Russian **260**, 1766.
Anglo-Soviet **328**, 565.
Anglo-Spanish **298**, 1341.
Arbitration **302**, 329. **310**, 1108.
Atlantic Alliance. R.M. McClintock **558**, 857.
Atlantic Alliance, Problems and Prospects. S.S. Cordier **766**, 38.
Austro-German Tariff Union **339**, 697. **341**, 985.
Bird's-eye View Washington and London Naval **391**, 1316.
Brest-Litovsk Treaty Terms **179**, 205. **180**, 470.
Bulgaria **203**, 151. **212**, 1704. **229**, 516.
Burlingame: Features **347**, 64.
Canadian--United States **238**, 2200.
Canal Diplomacy and U.S. Interests. P.B. Ryan **887**, 43. **894**, 70. **897**, 85.
Care and Feeding of an Oceanic Alliance. W.H. Hessler **698**, 27. **702**, 104, 105.
China, Legal Bases for Use of Foreign Armed Forces in. E.F. Carlson **405**, 1544.
Clayton-Bulwer **327**, 381.
Collective Security in the Pacific: Nine Years of the ANZUS Pact. N.J. Padelford **691**, 38.
Colombia **220**, 973.
Contemporary Defense Planning. A.B.F. Fraser-Harris **702**, 69.
Costa Rica Objects to Nicaraguan Treaty (1916): **163**, 1022.
Covenant of the League of Nations **347**, 150.
Down Went McGinty to Bottom of Sea. E.S.R. Brandt **347**, 67. **353**, 1052.
East European Alliance System. R.F. Staar **739**, 26.
European Security Agreements **274**, 2407.
Franco-American **300**, 157. **302**, 328.
Franco-American Agreement, 1919: **198**, 1465.
Franco-British Naval: See: Anglo-French Naval.
Franco-Italian Naval **339**, 697.
Franco-Rumanian **256**, 1034.
Franco-Serb Security **298**, 1340.
Franco-Turkish **226**, 1990.
Geneva, Summary of Draft Convention for, 1932: **347**, 170.
Germain **202**, 2113.
German-American **224**, 1666. **225**, 1851. **226**, 1988.
Hay-Pauncefote **327**, 384.
Hungarian Peace **209**, 1157.
Is NATO Expendable? Robert Strausz-Hupé **655**, 923.
Italian-Albanian **288**, 233.
Italo-Papal **314**, 354. **318**, 736.
Japan--a Strong Worthy Ally. R.M. Wood **684**, 79.
Japanese Security Treaty **678**, 105.
Japan Ratifies Yap and Washington Naval **234**, 1457.
Journey into Unknown--Problem of Alliances. R. Hargreaves **592**, 611.
Keeping the Seas Clean: An International Concern (ProfNote). C.L. Cochran **864**, 97.
Kellogg Anti-War **306**, 713. **307**, 806.
Korea, United States and, 1882--Treaty of Commerce and Amity. W.G. David **473**, 949.
Lausanne: See: Lausanne.
Lest They Forget. W.V. Pratt **362**, 481.
Locarno **274**, 2407. **275**, 176. **285**, 2390.
London: See: London Naval Treaty.
London Treaty, Submarines and. E.E. Hazlett, Jr. **406**, 1690.
Mexico--United States **221**, 1144. **291**, 613.
The Montreux Convention...A Perennial Soviet Ticket to the Mediterranean (ProfNote). J.A. Gregoire **893**, 115.
Multi-Lateral Anti-War **304**, 515.
Nationalism and Internationalism. A.T. Beauregard **370**, 1747.
NATO
Now is the time for all good members... J.A. Robinson **791**, 38. **795**, 108.
The Writing on the Wall. T.R. Milton **827**, 18.
Naval, Nine **347**, 148, 150. **348**, 315, 319.
Naval Treaties, Beyond. M.F. Talbot **386**, 465. **391**, 1301.
Naval Treaty, Five-Power **228**, 322.
Navies, Nine Affecting **347**, 148, 150. **348**, 315, 319.
Nettuna Ratified **308**, 929.
New Japanese-American Treaty. A.C. Miller, Jr. **696**, 46.
Nicaraguan Treaty (1914): **152**, 1221.
Nicaraguan Treaty Ratified (1916): **162**, 640.
Nine Affecting Navies **347**, 148. **348**, 315, 319.
North Atlantic Treaty Organization. J. Wright **586**, 1253.
Open-door Policy **347**, 57.
Pacific Treaty, Four-Power **231**, 851.
Pact of Paris: See: Kellogg Pact.
Panama As I See It. J.G. Neimeier **887**, 35. **894**, 70.
Panama--United States **284**, 2158. **288**, 231.
Peace of Bucharest, May 6, 1918: **184**, 1425.
Poland-Yugoslavia **284**, 2162.
Problem of Naval Treaties. M.F. Talbot **376**, 745.
Provisions of Treaty Between U.S. and Columbia (1914): **151**, 935.
Russo-Japan **265**, 510.
Russo-Japanese Treaty, July 3, 1916: **164**, 1384.
Russo-Persian Commercial **296**, 1135.
Russo-Turkish **276**, 382.
SALT I (NavRev). R.L. Beavers, Jr. **855**, 204.
SEATO--Segment of Collective Security. A.C. Miller, Jr. **684**, 50.
Signatories 9-power, nonco-operative **349**, 426, 446. **350**, 620.
Spain and the Defense of NATO (NavRev). R.A. Komorowski **879**, 190.
Spanish-Italian **284**, 2160.
The Specialized Character of NATO. J.L. McClane, Jr. **890**, 18. **895**, 90.
Status of Forces Agreements. J.H. Doyle, Jr., and H.B. Robertson, Jr. **661**, 77.
Swedish Commercial Treaty with Allies, August, 1918: **188**, 2501.
Tangier Agreement **252**, 328.
Tientsin, China **347**, 63.
Treaty of 1959, Antarctic: See: Antarctica--White Continent of Promise.
Treaty on Outer Space (ProfNote). L.H. Passmore **777**, 131. C&D: **783**, 109.
Treaty Rights in China. B. Anderson **366**, 1107.
The Trouble With Alliances... T.H. Etzold **889**, 46. **895**, 90.
Turkish-American **288**, 233. **289**, 368. **290**, 494. **291**, 615.
United States Alliance Policy. H.W. Barber **667**, 74.
United States Alliances East of Suez. H.W. Barber **677**, 67.
U.S. Alliances in the Pacific. C.F. Salans **761**, 62.
U.S. Spanish Base Rights Agreement and the Atlantic Alliance (C&D) **792**, 102.
U.S. Treaty Rights in the Caribbean (ProfNote). C.L. Cochran **785**, 128.
Versailles **201**, 1941. **202**, 2108. **204**, 311.
Naval and Air Clauses **347**, 153.
Wanghia, 1844: **347**, 60.
Washington on:
Limitation of Naval Armaments **279**, 1057. **347**, 155.
Submarines and Noxious Gases **347**, 162.
Pacific Islands **347**, 163.
Chinese Matters (9-power treaty) **347**, 164.
We, People, and Treaty Powers of Our Government. J.O. Fisher **229**, 423.
Treaty Cruisers: E.S.R. Brandt **343**, 1163. **346**, 1708.
Trenchard, H. **329**, 659. **330**, 766.
Trenchard, Stephen D.: Portrait **152**, 1097.

Trench Fever: Investigation of Trench Fever **185**, 1576.
Trend of Naval Affairs. R.E. Krause **266**, 521.
Trent, R.M. **642**, 876.
Trent Affair **253**, 405. **257**, 1131. **341**, 867.
Trent (HMS) **341**, 871.
Trenton (RIN) **328**, 505. **337**, 402.
Trenton and Princeton, Navy at Batles of. E.N. McClellan **249**, 1848.
Trenton (USS) **295**, 948-53. **301**, 218. **405**, 1625.
See also: Cover Pictures--June 1960.
Apia Hurricane of 1889: **693**, 105.
First Electric Lights **622**, 1390.
Letter Regarding Seumanutafa and Fa'atulia, in Samoan Hurricane. W. Churchill **126**, 601.
Ordnance and Torpedo Outfit of USS Trenton. C.A. Stone **3**, 89.
The U.S. Ship. G.W. Baird **4**, 5. **9**, 443.
Tressler, W.L.
Arctic and Antarctic **633**, 1216.
Oceanographic-Hydrographic Training (ProfNote) **747**, 152.
Treveneuc, Count De: French War College **91**, 621.
Trever (U.S.): "Tireless Tee" Goes Forth to War. D.M. Agnew **497**, 831.
Trial Boards of New Cruisers, The Organization of, for our New Cruisers. J.C. Wilson **57**, 95.
Trial Trips
Necessity of. **246**, 1357.
Operation of Destroyer at Full Power. H.G. Donald **263**, 15.
Trials of Vessels: See: Names of vessels.
Trials, Vessel: Naval Trial Courses and Trials. L.T. Haugen **424**, 821.
Tribal (HMS) **335**, 128.
Tricheco (It.) **356**, 1527.
"Trickling Charge" as applied to storage batteries. L.C. Dunn **193**, 339.
Tricouleur (Fr.): See: Ghosts: the Miamyo and the Tricouleur.
Trident Literary Society **265**, 453.
Triebel, C.O.
Naval Medical Officer, Worst of Both Worlds (Dully) (C&D) **810**, 100.
Naval Officers and the Sub-specialty (C&D) **845**, 95.
Not Our Kind, Old Chap (anec) **846**, 55.
Trieste (It.) **337**, 402. **356**, 1527.
Trieste (U.S.)
See also: Naval Research Goes Deeper (ProfNote). C.M. Hatcher.
Record Depth Recalculated **689**, 99.
Trieste--First Ten Years. G.W. Martin **738**, 52.
Trigger (U.S.): Unlucky in June: Hiyō Meets Trigger. E.L. Beach **650**, 376.
Triglav (Austrian destroyer): Sunk off Durazzo **161**, 307.
Trimble, R.
Myopic Diver (anec) **693**, 156.
Red Tape Dispenser (anec) **691**, 37.
Where Away? (anec) **677**, 33.
Tringa (U.S.): See: Cover Pictures--September 1959.
Trinitrotoluol
Description of. **133**, 287.
Trinitrotoluol, or trotyl, torpedo charges. G.H. Filho. Tr. by A.B. Hoff **146**, 721.
Trinitrotoluol Poisoning
Effects of. **180**, 396.
Poison Cases in Navy **187**, 2108.
Trinity's Crew from Heard's Island, Rescue of. W.I. Chambers **23**, 121.
Triple Alliance: Terms of. **158**, 1356.
Triple-expansion Steam Engines: The Last Triple-Expander. J.C. Kraft **888**, 58. **895**, 87.
Tripoli
Attack on: See: Cover Pictures--August 1954.
Bombardment (1911): The Italian-Turkish War. W.H. Beehler **142**, 733. **143**, 1081.
Journal Before Tripoli. E. Preble **7**, 83.
Tripoli Monument **432**, 237.
Smith, D.W. **827**, 72.
Tripolitan Gunboat: See: Cover Pictures--October 1954.
Tripolitan Wars
See also: Barbary Wars.
Constitution Off Tripoli, 1804. N. Morris **280**, 1271.
Letter of. R.T. Spence **242**, 625.
Old Ironsides **291**, 618.
Tripp, G.E.: On preparedness **267**, 831.
Trippe (USS) **258**, 1344.
Trisection of an angle **199**, 1638.
Triumph (HMS)
Commissioned **109**, 220.
Loss of the. **158**, 1374. **161**, 313.
Makes Coaling Record **141**, 327.
Troopships: See: Transports.
Trophies and Relics
See also: Figureheads.
Antiquity of Two Naval Academy Guns. W.O. Stevens (illus) **138**, 525.
Battenberg Cup **578**, 423. **583**, 989.
British Royal Standard. H.C. Washburn **146**, 791.
The Centurion's Anchor (illus) **158**, 1157.
Curtiss Seaplane **318**, 744.
Description of John Paul Jones' Sword. C. Stevenson (Illus) **122**, 711.
Evolution of Naval Museum. H.F. Krafft **277**, 476.
Facsimile of manifest of ship John, August 30, 1769, commanded by John Paul (Jones). **162**, 523.
Famous Swords at U.S. Naval Academy. E.H. Clark, Jr. **454**, 1769.
Figureheads: See: Figureheads.
Flag of the Chesapeake: A plea for the banner of fifteen stripes. W.F. Halsey **146**, 781.
Flag of Fort McHenry: The original "star spangled banner." (illus) **146**, 785.
Further Notes on Old Bronze Guns. E.L. Beach **125**, 323.
History of Leech Tennis Trophy. V.T. Godfrey **322**, 1039.
Letter on French Bronze Guns. W. Churchill **122**, 843.
Jones, John Paul: Reproduction in color of Naval Academy miniature **115**, 549.
Naval Academy Collection of Paintings. S. Gunn **204**, 245.
Naval Academy Miniature of John Paul Jones. P.R. Alger **115**, 585.
New York Yacht Club: Navy Members Cup **403**, 1367.
Old French Bronze Guns at the Va. Mil. Inst. and at the Naval Academy (illus) **121**, 187.
Perry's flag at Lake Erie, "Don't Give Up the Ship." (illus) **147**, 928.
Scrapping Naval Relics **479**, 149.
Sword of Mataafa **442**, 1827.
The Sword Presented by Louis XVI to John Paul Jones. C.H. Hart **122**, 712.
Tamanend vs. Tecumseh. W.C. Cole **154**, 1787.
Tamanend vs. Tecumseh: Identification of the Figure head of the USS Delaware. C.F. Preston **151**, 721.
Reproduction of "Tecumseh", figurehead of USS Delaware **151**, 631.
Vandalia's Flag **295**, 1045.
Tropical Africa's Nascent Navies. R.K. Baker **791**, 65.
Tropical Cruise. R. Willson **520**, 807. **536**, 1238.
Tropical Storms: See: Meteorology.
Trott, H. **421**, 413.
Henry B. Hyde **391**, 1253.
Now We Scoff at Scows **420**, 175.
Ships for What? **445**, 321. **451**, 1319.
Trotzky, L. **265**, 512. **314**, 355. **316**, 553.
Trousdale, J.H., Jr.
Birth of Navy's Night Fighters **592**, 621.
Bogey Speaks (anec) **638**, 384.
"...Nor Dark of Night" (Gallery) (C&D) **799**, 105.
Trout (U.S.): Gold Ballast: War Patrol of USS Trout. J.L. Dettbarn **683**, 51. **689**, 94.
Truant (HMS) **344**, 1416.
Truax, R.C.
Rocket Development **739**, 82.
Surface Effect Ships in the Surface Navy **850**, 50. **856**, 93.
Truces, Strategy of Negotiating **598**, 1371.
Trucks
New Army Motor Truck **177**, 2742.
The New War Truck **178**, 3017.
True, A.E.
Aerology and Navy **354**, 1116.
Commander in Chief **457**, 337.
Effects of Meteorological Conditions on Tactical Operations at Jutland **443**, 9.
Functions of Command **471**, 677.
Letter to Garcia **454**, 1718.
Structure of Tropical Cyclones **409**, 329, 397.
True Wind: Device for Solving. F.H. Gilmer **274**, 2286.
Truk
See also: Caroline Islands.
Hellcats Over Truk. B. Tillman **889**, 63. **894**, 65.
Vice Admiral Chuichi Hara, Unforgettable Foe. D. Bartlett **812**, 49. **816**, 84. **827**, 89.
Trumble, R.E., Jr. **549**, 1435.
Trunnion, (Commo) **343**, 1195.
Trussell, J.B.B., Jr.: Auxiliary Power (anec) **841**, 71.
Trust Territories
Micronesia, Especial Trust. D.J. Morgiewicz **788**, 68. **791**, 107.
Trust Territory of Pacific Islands. C.H. Wright **549**, 1333.
Turmoil in Paradise: Micronesia at the Crossroads. J.H. Webb **833**, 26. **837**, 89.
Truver, S.C.: The Legal Status of Submarine-Launched Cruise Missiles (ProfNote) **894**, 82.
Truxton, Thomas: American (colonial) Navigators. T.G. Ford **119**, 861.
Truxton's Victory (song) **119**, 896.
Truxtun, T. **414**, 1107. **418**, 1779.
Truxtun--The Builder. E.M. Eller **416**, 1445.
Truxtun, Commodore Thomas. S.S. Robison **350**, 541.
Truxtun (ex-DD-14) (U.S.) **818**, 65.
Truxtun Tradition **414**, 1107. **418**, 1779. **421**, 403.
Tryon and Victoria. R.E. Bassler **379**, 1270.
Tsarevitch (Russ. battleship): Injuries to. (1904): **113**, 247.
Tsaritsyn (Russia): Vickers gun works at Tsaritsyn **149**, 236.
Tselepis, George (co-author): See: C.C. Bates.
Tsing-tao: Fall of, 1914: **154**, 1878.
Tsukuba (Jap. cruiser)
Description **122**, 869.
Fire Explodes Magazine of the Tsukuba **168**, 411.
Launched, description **117**, 353.
Tsushima, Battle of
See also: Frost, H.H. **158**, 1080. Knox, D.W. **152**, 1023.
Account of an attack by a Japanese torpedo-boat **116**, 1045.
Battle of the Sea of Japan **117**, 321.

Alger, P.R. **115**, 612.
Hoadley, W.T., Tr.: Official Version of Japanese General Staff (maps) **152**, 961.
Wainwright, Richard **116**, 779.
Battleship Best Adapted to the Italian Navy and...Its Tactical Employment. R. Bernotti **129**, 189.
Black Joke. (pseud.) A.B.G.B.S. (all big gun battleship) **122**, 667.
Gleanings from Sea of Japan
Schroeder, S. **117**, 47.
Tanner, Z.L. **118**, 694.
Inherent tactical qualities of all big-gun, one caliber battleships of high speed, large displacement and gun power. W.S. Sims **120**, 1337.
Lessons of Tsushima. M. Lockroy **116**, 1025.
Loss of Life by Drowning in Naval Warfare. T.W. Richards **149**, 33.
Mutual Relations Between Gunnery and Tactics. R. Earle **232**, 923.
Recollections of Battle. S. Posokhow **326**, 285.
Reflections, Historic and other, suggested by Battle of Japan Sea **118**, 447.
Tactics of. See: Darrieus, War on the Sea **126**, 469.
Three Naval Campaigns--A Study in Disaster. P.R. Osborn **424**, 874.
Transmission of orders during the naval battles of the Russo-Japanese War. H.F. Bryan, Tr. **145**, 283.
Tsushima and Jutland. P.P. Welch **329**, 591.
Why Togo Won. B.A. Fiske **116**, 807.
With the Baltic Fleet at Tsushima. R.D. White **118**, 597.
Tsunamis, Strangest Waves on the Sea. E.B. Roberts **657**, 1201.
Tubantia (SS) **231**, 848.
Sinking of the Tubantia **162**, 632.
Tubes, Boiler: See: Boilers.
Tubes, Radio: See: Radio.
Tube Ships: Ship Made of Tubing (Nbk) **777**, 154.
Tuckahoe (U.S. collier): Launched **184**, 1349.
Tucker, H.S.: Good Offense Is the Best Defense (anec) **847**, 45.
Tucker, R.M.: Cost-Effectiveness--Fact and Fancy **739**, 74. **742**, 106.
Tucker, S.C.: The Carronade **846**, 65. **851**, 86.
Tuckerton Radio Station: Tuckerton Radio Station Taken Over by U.S. Navy **153**, 1518.
Tucuman (Arg. DD) **330**, 755. **337**, 403.
Tucumcari (PGH-2)
ProfNote. Linton Wells **787**, 130.
Two Birds in the Hand. K.M. Duff **799**, 60. **805**, 90. **809**, 109.
Tugboat, Some Experiences on a U.S. Naval. W.S. Crosley **89**, 65.
Tugs and Towing **290**, 480. **347**, 123. **350**, 612.
See also: Towing.
Deepsea "Piggy Back" Tug (Nbk) **727**, 138.
Largest Tugs Go To South Africa (Nbk) **802**, 160.
Leyden (U.S.) **393**, 1643.
New Moran Tug Tows 4 LCUs Across Atlantic for MSTS (Nbk) **720**, 162.
New Tug Can Go Sideways (Nbk) **744**, 152.
Shallow Draft Logistics Craft (C&D) **798**, 108.
Shiphandling with Tugboats in New York Harbor (Pict). J.S. Martin **759**, 98.
Supertankers and Supertugs (ProfNote). P.S. Maguire **749**, 130.
Tips on Towing: Try Grounding (ProfNote). W.P. Dukeshire **789**, 137.
Tugs and Pilots. J.D. Sloan **617**, 784.
Tugs and Towing. L.R. Stouter **727**, 34. **736**, 121.
Un-common Carrier. C.E. Hislop **778**, 45.
Vigilant: Some Men Ask No Odds. F.M. Curran **440**, 1428.
Wright Way To Tow (ProfNote). F.M. Romanick **802**, 136.
Tuleja, T.V.: Historic Pattern of Russian Naval Policy **583**, 959.
Tulip (U.S.) **384**, 188.
Tulsa (U.S.) **354**, 1219.
Tuna Clippers **428**, 1449. **430**, 1798.
Tungsten **341**, 977.
Tunisie (FN) **337**, 401.
Tunnel, Wind: See: Aeronautics.
Turbina (ship): Photo **133**, 217.
Turbine Machinery, Parsons **92**, 885.
Turbines
See also: Engines.
Allan Line Adopts Turbines **110**, 475.
HMS Amethyst, First British Cruisers Fitted with Turbines **108**, 977.
The Belluzzo Turbine (illus) **149**, 271. **151**, 901.
The Bladeless Turbine (1913): **150**, 571.
Blades **228**, 315. **266**, 645.
Comparison of turbines and reciprocating engine for U.S. Navy **120**, 1615.
Cunard Co. adopts turbines **108**, 990. **109**, 242. **112**, 899.
Curtiss turbines adopted by Japan (1908): **126**, 732.
Description of turbines for Japanese Warships **126**, 733.
Developments in Marine Propulsion (1911): **137**, 321.
HMS Dreadnought: First Turbine Battleship **115**, 712.
Economy of Marine Turbines **112**, 903. **118**, 740. **121**, 428. **151**, 902.
Electric **322**, 1073. **339**, 687. **340**, 828. **343**, 1260.
France officially adopts turbine propulsion for warships **122**, 878.
Gas **203**, 132. **232**, 1043.
The Gas Turbine **160**, 2058.
Geared **209**, 1135. **259**, 1559. **340**, 828.
The Geared Turbine (1913): **146**, 878.
Inglis, Jr. **147**, 1361.
Germany Officially Adopts Turbine Propulsion for Warships **122**, 878.
Gland Sealing System **264**, 325.
High Pressure Turbine Pumps. V.V. Woodward **143**, 1045.
Hydraulic Transmission Gear for Electric Turbines **133**, 293.
Improvements **204**, 293.
Increasing Employment of Turbines (1904): **109**, 242.
Internal Combustion Turbines **185**, 1608.
"Lubeck," First German Turbine Warship **116**, 990.
Magnetic Reduction Gear for Turbines **180**, 397.
Marine Oil Engines or Turbines: A Comparison **141**, 363.
Marine Steam Turbines (1909): **130**, 597.
Marine Turbine Reducing Gear **132**, 1301.
Marine Turbines in Service. R.S. Riley **121**, 424.
Melville-Macalpine Speed-Reduction Gear **133**, 290.
Mercury Vapor **254**, 658.
Merging the different systems into one standard type of turbine in Germany (1911): **137**, 324.
New Departure in Turbines (1918): **189**, 2632.
Notes on Turbines. F.J. Warburton **102**, 408.
100,000 h.p. Steam Turbine (1919): **198**, 1446.
Power Estimating for Turbines **124**, 1539.
Progress of Turbine Propulsion (1903): **105**, 299.
Rapid Development of Turbines (1903): **106**, 499.
Reversing Steam Turbines **105**, 299.
Reversing Turbines (1913): **146**, 880.
Speed-Reduction Gears for Marine Turbines **133**, 304.
Starting Turbine Engines **115**, 733.
Steam Turbine. C.A. Parsons **262**, 2106.
Steam Turbines. B.A. Strait (illus) **145**, 293. **146**, 797.
Steam Turbines Applied to Ocean Liners. J.H. Biles **116**, 1017.
Steam Turbines in 1909: **129**, 315.
Turbine Atlantic Liners (1904): **113**, 249.
Turbine, Development of. (1907): **123**, 1322.
Turbine-driven Ships (1911): **139**, 1075.
The Turbine Machinery of the U.S. Destroyers Reid and Flusser (illus) **134**, 632.
Turbine Progress in 1905: **115**, 731.
Turbine Speed-Reducing Gear **134**, 630.
Turbine Steam Engines **96**, 682.
Turbines Adopted for Channel Steamers (1903): **107**, 772.
Turbines and Reciprocating Engines in Combination **131**, 994.
Turbines in Foreign Navies (1911): **137**, 323.
Turbines in Passenger Ships (1902): **102**, 403.
Turbines in U.S. Warships **144**, 1684.
Turbines Introduced in British Battleships **114**, 494.
Turbines or Gas Engines? **130**, 605.
Turbines Recommended for U.S. Scouts **110**, 454.
Twelve Months Experience with Geared Turbines **138**, 622.
Westinghouse Geared Turbines **166**, 2012.
Westinghouse Reduction Gear for Turbines **150**, 574.
Turbo-Ventilators for Firing **286**, 2574.
Turgyan, Dan: Destroyer Memorial (Kaplan) (C&D) **866**, 82.
Turkey
Air Force **345**, 1583.
Army Troubles **348**, 285.
As Ally, She's Natural. W.H. Hessler **594**, 839.
Constantinople **204**, 316. **250**, 2124.
Dardanelles **357**, 1577, 1645.
Dardanelles, Danger Clouds Over. J.B. Penfold **530**, 391.
Destroyer in Near East. R.S. Field **264**, 246. **265**, 400.
Gibraltar of Middle East. J.A. Fairchild **612**, 169.
Government, Changes in **239**, 193. **251**, 148. **255**, 867.
Greece **210**, 1372.
High Commissioner to Turkey. Bern Anderson **647**, 17. **650**, 441.
History: The Italian-Turkish War. W.H. Beehler (1911-12) (Maps) **142**, 721. **143**, 1069. **144**, 1549. **145**, 313.
League of Nations **350**, 620. **355**, 1359.
Naval Watch in the Mideast. G.W. Henderson and P.B. Ryan **893**, 66.
Old Navy at Constantinople. C.L. Lewis **368**, 1442.
Revolution **331**, 874. **336**, 277.
Russia and Turkish Straits. M.H. Williams **591**, 479.
Treaty with Russia **324**, 169.
Turkey and the Aegean Islands (1913): **150**, 557.
Turkish Naval Academy (Pict). Hayati Tezel **846**, 73.
Turkish Naval Academy: 200 Years of Naval Education (C&D) **849**, 88.
"The Turk Rampant" (1913): **150**, 556.
Vertical Assault: The Proof is in the

Turkey (Cont.)
Vertical Assault (Cont.)
Doing (ProfNote). P.L. Townsend **897**, 117.
U.S. Returns Bases to Turkey (Nbk) **808**, 133.
Turkey—Navy **322**, 1071.
Condition of Turkish Navy in 1903: **106**, 489.
History. A.M. Shepard **468**, 209. **469**, 341. **471**, 704.
Loss of the Turkish Frigate Ertugrul (OldNav). Erdogan Sumnu **837**, 80.
Naval Aspects of Mission to Turkey. H.G. Bowen, Jr. **584**, 1041. **587**, 86.
The Ottoman Fleet in 1914: **152**, 1211.
Personnel: Officers in British Navy for Training (1910): **136**, 1175.
Pig-Tail Ribbons **639**, 545.
Program 1902: **103**, 661. 1912: **141**, 337.
The Sultan's Submarines. V.L. Collins **860**, 66.
Turkish Naval Arsenal at Constantinople **143**, 1146.
Turkish Navy in 1911: **140**, 1445. 1915: **156**, 664.
Turkish War Fleet (1913): **149**, 239.
Two Battleships Purchased from Germany (1910): **136**, 1157.
Vessels Building
1903: **108**, 985.
1904: **109**, 234.
1912: **141**, 337. **143**, 1145. **144**, 1662.
1913: **145**, 392. **147**, 1353.
1914: **149**, 239. **150**, 555. **151**, 861.
Turkington, W.W.: Survival of the Fittest: Five Years Later **884**, 58. **887**, 78, 79. **888**, 73. **890**, 86.
Turkish Straits: Montreux Convention: Prospects for an Imminent Change (ProfNote). P.A. Dur **845**, 110. **849**, 99. **852**, 95.
Turnbladh, Edwin: But Was It Really "Stanton's Navy?" (OldNav) **849**, 71.
Turnbull, A.D.: Naval History: World War II: **529**, 309.
Turner, C.W., III
Out of Date (anec) **648**, 187.
Roger, Wilco, Over, and Out! (anec) **528**, 165.
"Yea, Verily..." (anec) **595**, 1015.
Turner, J.M.W.
Battle of Trafalgar—January 1966 Cover.
Mount Vesuvius in Eruption, 1818: **304**, 441, 484.
Turner, R.C., Jr. **579**, 551. **583**, 999.
Turner, R.K. **339**, 673. **441**, 1631. **446**, 565. **529**, 329.
and Ruddock, T.D.: Gun Defense Against Torpedo Planes **236**, 1687.
Fighting Leader for Fleet **230**, 561.
Turner, S. **688**, 111. **691**, 112.
and George Thibault: Countering the Soviet Threat in the Mediterranean **893**, 25.
Aye, Aye, Sir (anec) **676**, 39.
Book Review **859**, 106.
Commentary on Gorshkov Article (Part 11): **861**, 67.
Missions of the U.S. Navy **862**, 18.
United States at a Strategic Crossroads **836**, 18.
Turning Circle, The. A. McCrackin, USN **33**, 265.
Turning into track of guide. O.L. Cox **303**, 385.
Turpin, Walter S.
Fire Control **111**, 593.
On Marvell's "Development of Method of Finding Line of Position." **145**, 226.
On a Naval Training Policy and System **106**, 431.
The Training Ship **103**, 609.
Training of Gun Captains **104**, 885.
Turquoise (Fr. submarine): Loss of the. **160**, 2142.
Turquoise (HMS): Trials **195**, 815.
Turret Electric Mountings, Canet **69**, 209.
Turrets
See also: Guns and Gunnery.
Center Line vs. Echeloned Turrets **136**, 1178.
The Cutler-Hammer Mfg. Co.'s differential system of turret training gear (illus) **134**, 543.
Four-Gun Turrets (1911): **139**, 1042.
Four-Gun Turrets adopted for Bretagne class of French battleships **145**, 393.
The 4-gun turrets of the French battleship Normandie **150**, 499, 567.
French four-gun turret **143**, 1110.
Multiple Gun Turrets **146**, 869.
Quadruple Turret **142**, 754.
Quadruple Turret Satisfactory **163**, 985.
Quadruple Turrets Approved by French Naval Opinion **151**, 830.
Relative value of the turret and the telescopic sight. B.A. Fiske **142**, 595.
Safety Turret for Submarines (1913): **148**, 1755.
Three Gun Turrets (1912): **144**, 1667.
The Triple Gun Turret **133**, 288.
The Turrets of the USS Nevada **154**, 1820.
Turrets of the New Battleships, The. J. Strauss **76**, 771.
Turtle (U.S.)
David Bushnell and First American Submarine. D.W. Thomson **468**, 176.
First American Submarine. H. Sanders **406**, 1743.
Turtle Boats, Lord of. G.M. Hagerman **778**, 66.
Turtles: Operation Green Turtle. W.J. Cromie **766**, 58.
Tuscaloosa (USS) **345**, 1573. **398**, 944. **394**, 1843.
Tuscania (SS): Loss of the Tuscania **181**, 677.
Tusler, F.A. **326**, 363. **341**, 993.
Tuttle, John: Officers for the 1980s: A Challenge for NROTC (Soper) (C&D) **869**, 76.
Tutton, M.R.: Marine Corps Aviation **699**, 48.
Tutuila (ARG-4): The Last Triple-Expander. J.C. Kraft **888**, 58. **895**, 87.
Tuve, R.L.: Technology of U.S. Navy "Shark Chaser" **531**, 523.
Tweedt, E.K.: Uncommitted (anec) **682**, 150. **688**, 74.
Tweedy, T.H.: Problem of False Hang and Determination of Latitude Therefrom **564**, 191.
Twelve-Mile Limit, United States Accepts (C&D). W.E. Night **813**, 84.
Twentieth Century Penchant for the Offensive. R.L. Bowers **775**, 58.
Twenty-Five Hundred Years of the Rules of the Road. E.F. Oliver **633**, 1241.
Twenty Thousand Leagues Over the Seas. C. Moran **627**, 555.
Twiggs, Levi **361**, 411.
Twilight ["Astronomical" and "Civil"]. W.A. Mason **363**, 690.
Twilight [Official beginning and end] **359**, 138.
Twining, N.C. **241**, 537. **243**, 843, 847. **244**, 1003. **245**, 1157. **251**, 151. **253**, 508. **255**, 792.
Twin Ports (ship) **250**, 2079.
Two-Block Fox. G. van Deurs **625**, 301.
Two dozen books. H.H. Frost **279**, 866.
Two-Two-Twelve-Three, the Brand-new Ball Game. Sigmund Bajak **815**, 53. **821**, 97.
Tyler, Cheever: Spot-Promoted to Third-Class (anec) **706**, 68.
Tyler, G.W. (edited by): Recollections of the Mexican War. S.C. Rowan **46**, 530.
Tyler, H.R. **269**, 1166.
Tyler, J.T., and A.H. Boquet: V/STOL and the CV (ProfNote) **896**, 94.
Tyler, W.C.
Blood is Thicker than Water **263**, 91. **267**, 801. **269**, 1243.
Rear Admiral R.D. Evans **285**, 2197.
Rescuing the Drowning **140**, 1413.
Siege and Capture of Louisburg **347**, 81.
Visibility of Objects **132**, 1260.
Wyoming at Shimonoseki **356**, 1464.
Tyler (SS): Torpedoed **184**, 1375. **185**, 1689.
Tyler (U.S.): See: Paul Stevens and S.B. Coleman. July Morning with Rebel Ram Arkansas.
Type of (I) Armored Vessel, (II) Cruiser, Best Suited to the Present Needs of the United States. Prize Essay, 1881. E.W. Very **15**, 43. Disc: **18**, 453.
Schroeder, Seaton **15**, 85.
Types of Ships and Why. L. McNamee **332**, 907.
Typewriters: Electrically Operated Typewriter **163**, 996.
Typhoons
See also: Meteorology.
Typhoon Doctrine. E.W. Malanot **629**, 744.
Typhoons and Sycee. R.C. Smith, Jr. **345**, 1473.
Tyree, D.M.: Antarctic Logistics (ProfNote) **679**, 121.
Tyrian (HMS) **205**, 468.
Tyulen (Russ. submarine): Gallant Exploit of the Tyulen **166**, 2064.
Tzu-Hsi, Empress **840**, 83.
The Empress Sought a Navy (OldNav). G.E. Gelm **806**, 90.

U

U-2: See: Leadership: U-2 Revisited.
U-3 (Austrian submarine): Sunk by French **159**, 1734.
U-5 (U.S. submarine): Fatal Explosion Aboard the U-5: **189**, 2671.
U-8 (Ger. submarine)
Crew of U-8 segregated from other prisoners **156**, 647.
Reported Interned in Holland **161**, 306.
U-12 (Austrian submarine): Sunk by Italian submarine **159**, 1735.
U-12 (Ger.): See: U-Boat With Wings.
U-14 (Ger. submarine): Captured by British **158**, 1365.
U-18 (Ger. submarine): Reported rammed by steamer **155**, 250.
U-27 (Ger. submarine): Loss of the. **159**, 1729.
U-29 (Ger. submarine): Loss of the. **157**, 1009.
U-30 (Ger. submarine): Interned in Holland **171**, 1073.
U-35 (Ger. submarine)
Record of the U-35: **186**, 1942.
Visit of the U-35 to Cartagena **164**, 1306, 1369.
U-36 (Ger. submarine)
Characteristics of the U-36: **157**, 919.
Photograph **157**, 915.
U-39 (Ger. submarine): Damaged by Airplane **185**, 1688. **189**, 2680.
U-41 (Ger. submarine): The U-41 Episode **166**, 2079.
U-45 (Ger. submarine): Reported Sunk **168**, 409.
U-46 (ex-Ger.): See: O-2 (Jap.).
U-48 (Ger. submarine): Interned in Spain **183**, 1147.
U-53 (Ger.)
See also: Old Navy.

Captured by French **180**, 448.
Cruise of the U-53. Wellington Long **764**, 86.
The Visit of the U-53 to the U.S. **166**, 2061.
What the Visit of the U-53 Portends to the U.S. B.A. Fiske **166**, 2038.
U-58 (Ger.) **554**, 471.
Capture of U-58. R.B. Carney **380**, 1401. **383**, 99.
U-65 (Ger. submarine): Photograph **175**, 2045.
U-73 (Ger.): Night Fight Off Oran. Harry Sanders **791**, 56. **805**, 92. **814**, 83.
U-103 (Ger.) **406**, 1687.
U-152 (Ger.) **432**, 186. **437**, 1033.
U-505 (Ger.) **606**, 900.
See also: H.J. Decker.
U-852 (Ger.) and Peleus (Gr. SS) **587**, 17.
U-853 (Ger.): See: D.M. Tollaksen.
U.B.-64 (Ger. submarine): **193**, 416.
UB-88 (SMS) **246**, 1275.
U-Boat Gun Crew in World War I: See: Cover Pictures.
U-Boat With Wings. R.D. Layman **782**, 54. **786**, 114. **788**, 110. C&D: **792**, 110.
U-Bow Section and a Long Buttock Line. S. Schroeder **21**, 387.
U.C.-5 (Ger. submarine): Photograph of the U.C.-5 in Central Park, N.Y. **178**, 3006.
U.C.-39 (Ger. submarine): Sunk by Destroyer **185**, 1677.
Uhlig, F.R., Jr. **530**, 454. **556**, 705. **576**, 201. **603**, 561. **662**, 112. **665**, 108. **675**, 110.
Atlantic Ocean—Sea of Decision **613**, 275.
Battle Cruiser Era (Pict) **656**, 1106.
Dreadnought Era (Pict) **646**, 1316.
Farewell Forever (anec) **741**, 81.
New Battle Cruisers **551**, 33.
Ukraine: Population and resources of. **181**, 708.
Ulbricht, F.W. **618**, 928.
Speed versus Breakfast (anec) **599**, 27.
Ulivi, Giulio: Experiments with Infrared Rays in Exploding Bombs **152**, 1228.
Ullage: Measurement of Fuel Oil. S.H. Gambrill **285**, 2286. **303**, 396.
Ullman, H.K.: The Only Option? (Lowe) (C&D) **830**, 96.
Ullmo, Lieut. (Fr. Navy): Sentenced for Treason **126**, 702.
Umberto I (It. cruiser): Sunk by Mine **176**, 2404.
Umsted, Truxtun **783**, 108.
Engineering Duty Officers: the Dwindling Muster (C&D) **761**, 119.
Ocean Current Riding (ProfNote) **755**, 147. **761**, 123.
U.S. Naval Sailing Association (C&D) **775**, 112. **778**, 108.
Unantina (It.) **355**, 1374.
Uncertain Image, The. R. Hargreaves **768**, 72. **773**, 111.
Uncertain Trumpet. G.F. Eliot **663**, 37.
Un-common Carrier, The. C.E. Hislop **778**, 45.
Undaunted (HMS): In battle with four German destroyers (Oct. 1914): **154**, 1868.
Underbrink, R.L.
Day the Navy Caught a Zero (OldNav) **780**, 136.
Your Island Is Moving at 20 Knots! **799**, 81. **803**, 98.
Underdeveloped Areas: South of Thirty. J.D. Chase **770**, 30. **777**, 103.
Undersea Exploration: One Support Ship for Inner and Outer Space? W.H. Kumm **813**, 28.
Undersea Law: Master Mariner to Master Submariner? E.F. Oliver **770**, 40. **774**, 106. **776**, 103, 104.
Undersea Long Range Missile System Submarines, Navy Seeks (Nbk) **814**, 101.
Undersea Mining To Begin Off Bahamas (Nbk) **803**, 133.
Undersea Research Vehicles: Master Mariner to Master Submariner? E.F. Oliver **770**, 40. **774**, 106. **76**, 103, 104.
Undersea Resources: ...of Diplonauts and Ocean Politics. A.D. Clift **809**, 31.
Undersea Warfare Center, New (Nbk) **797**, 155.
Understand the Hungry Ones. L.C. Fletcher **626**, 419.
Underwater Demolition Teams (UDT)
Almost Beyond Human Endurance. W.M. Powers **898**, 60.
Combat Swimmer (Pict). D.H. Watts and J.J. Ritter **747**, 95.
Naked Warriors. F.D. Fane and D.W. Moore **643**, 913.
Operation Deep Channel. J.M. Howard, III: **822**, 39.
Skin Diving in Polar Seas. F.D. Fane **672**, 65. **680**, 103.
Sneak Craft Attack in Pacific. J.B. Wilkinson **529**, 279.
Special Units Get High-Level Look (Nbk) **786**, 152.
They Pioneered the Channel to Tokyo. H.B. Say **513**, 1295.
UDT Comes of Age. J.J. Ritter **744**, 52. **748**, 118.
Underwater Navigation: Inner Space Navigation (ProfNote). P.V.H. Weems **750**, 140.
Underwater Production System (Nbk) **796**, 160.
Underwater Radiological Survey: Last of the Prinz? (ProfNote). W.I. Milwee and P.W. Wolfgang **861**, 119.
Underwater Research
AUTEC and Inner Space (ProfNote). L.L. Jackson, Jr. **787**, 138.
Deep Questions. J.M. Cohen **791**, 26. **795**, 112.
History of Man's Deep Submergence. W.F. Searle, Jr. **757**, 80.
Navy Retriver Gets H-Bomb Off Spanish Coast (Nbk) **760**, 155.
Navy Tests Underseas Habitat (Nbk) **771**, 154.
Saturation Diving. R.C. Sheats **835**, 54. C&D: **846**, 89.
Underwater Salvage
Contact 261. L.B. Melson **772**, 26.
Palomares—Exercise in Ocean Engineering (ProfNote). W.F. Searle, Jr. **772**, 128.
Underwater Sound
USS Grouper (AGSS-214) (NewNav). M.D. Bennett and J.S. Alden **733**, 156.
Project Kiwi One—New Dimensions in Underwater Sound (ProfNote). D.G. Browning and R.W. Bannister **875**, 104.
Undersea Detection Reports Big Strides (Nbk) **766**, 180.
Underwater Tactical Range: Underwater Range Plans (Nbk) **743**, 136.
Underwater Trajectories **216**, 207.
Underwater Warfare: School that Teaches Underwater Warfare (ProfNote). A.C. Hampshire **660**, 127.
Underwater Weapons Research and Engineering Station: Newport/Quonset Point Naval Complex (Pict) **803**, 84.
Underwood, E.B.
International Incident **263**, 83.
Lest We Forget **269**, 1166.
Off-shore Gull **246**, 1317.
Three Toasts **276**, 306.
Wolverine, nee Michigan **254**, 597.
Undine (Ger. cruiser)
Torpedoed **160**, 2135.
Trials **108**, 973.
Unease, Age of. R. Hargreaves **626**, 365.
Uneasy Lies the Head That Wears a Crown. J.C. Carrothers **647**, 69. **653**, 779.
Unification
See also: Single Service.
Armed Services
Canada Will Unify Services (Nbk) **736**, 157.
Collateral Mission Support: An Economic and Operational Necessity (ProfNote). B. Baker **876**, 93.
Controversy in Retrospect. B. Taylor **713**, 39.
Development of Unification. D.W. Knox **574**, 1309.
Navy and the Department of Defense. J.V. Noel, Jr. **705**, 23.
Our Duty Lies Before Us. E.L. Beach **551**, 79.
Unification in Canada
Fait Accompli. J.D. Harbron **774**, 76. **778**, 107.
The World Watches. P.B. Ryan **769**, 64. **774**, 103. **778**, 107.
Unified Procurement of Government Aircraft. E.E. Wilson **272**, 1933.
Uniform Automatic Data Processing System: Automated Control of Logistics—the Next Step. J.S. Prokop **773**, 45.
Uniform Code of Military Justice
"...Justice For All"? W.G. Proctor, Jr. **789**, 52. C&D: **796**, 104.
Justice in the Battle Zone. J.E. Toms **796**, 52.
Uniforms
See also: U.S. Navy—Uniforms.
Atomic Uniforms and Monitors **705**, 117.
Blue, Origin of. **311**, 14.
Cap Devices, Cleaning **405**, 1629.
Dress Khakis **691**, 114.
Dungarees Reach End of Line? (Nbk) **772**, 142.
Early Customs Regarding Naval Uniforms **135**, 842.
Establishment of a Uniform for the British Navy (1748): **137**, 332.
Factory **202**, 2085.
Handkerchiefs **359**, 128. **381**, 1624.
High Indignation, Report of. **685**, 110.
Jersey, Uniform Jig for. P.P. Welch **402**, 1169.
Modernizing Enlisted Men's Uniforms. H.P. Martin **480**, 199.
Naval Uniforms. W.M. Schoonmaker **350**, 517. **355**, 1350.
Navy Tests Plan to Give Sailors Chief's Uniforms (Nbk) **730**, 155.
The New Uniforms: Who Wants Them? (C&D) **871**, 81. **873**, 76. **875**, 67, 68.
Overboard—Cocked Hat and Epaulets. F.J. Nelson **474**, 1100. **477**, 1607. **482**, 563.
Pomp and Circumstance. P.W. Rairden, Jr. **532**, 701. **536**, 1239.
Regulations **233**, 1210.
Uniform and Enlisted Man. C.S. Freeman **334**, 1105.
Uniform Problem. J.C. Busby **558**, 895.
Uniforms That Are and Uniforms That Aren't. W.P. Folk **340**, 745. **344**, 1404. **345**, 1558. **347**, 105. **350**, 591.
What Shall We Wear? (C&D) **802**, 116. **806**, 95. **813**, 88. **816**, 88. **829**, 108.
Why the Limp? G.E. Davis **365**, 988.
Work, for Officers **405**, 1621.
Union Jack Club **269**, 1255.
Union Navy: Down East Ships of the Union Navy. D.C. Switzer **741**, 82.
Unionization of the Military
The Military Union Card. P.R. Schratz **892**, 25. **895**, 85. **896**, 66. **898**, 83.
Is Military Unionization an Idea Whose Time Has Come? J.E. Kane et al. Part I: **885**, 36. Part II: **886**, 24.

Unionization of the Military (Cont.)
Is Military Unionization an... (Cont.) **889**, 75, 82. **890**, 76, 77. **892**, 92. **894**, 68. **895**, 86. **897**, 74.
Should Military Unionization be Permitted? C.L. Parnell **893**, 18. **896**, 70. **897**, 75.
U.S.S.R. Gains in South Asia, United States at Disadvantage as (Nbk) **829**, 126.
UNITAS X (Pict) **809**, 73.
United Air Service. V.D. Herbster **256**, 886.
United Fruit Company
The Banana Navy (Pict). R. Carl **886**, 55.
The United Fruit Company's Fleet **170**, 847.
United Fruit Line **344**, 1418.
United Initiative: Triumph of Maritime Power. P.M. Stanford **523**, 1175.
United Nations Ad Hoc Committee to Study...the Sea-Bed and the Ocean Floor: See: The Paper Torpedo.
United Nations Organization
Collective Security, Military Sanctions, and Sea Power **612**, 125.
Military Profession and International Organization for Security. L.H. Weaver **524**, 1299.
Probable Effect on American National Defense of United Nations and Atomic Bomb. W.D. Puleston **522**, 1017.
United Nations and Naval Power. R. McClintock **531**, 637.
UN Control of Oceans Hit (Nbk) **778**, 153.
United Nations Peacekeeping. R.J. Barrett **751**, 73. **755**, 110.
United Nations Military Forces, First **576**, 201.
U.S.S.R. and I.M.C.O.: Preliminary Observations. A.Z. Rubinstein **680**, 75.
United States
Air Force
Tactical Air Command's Mobile Strike Force Concept (ProfNote). E.H. Kolcum **658**, 1364.
Coast Defense: See: U.S. Defense.
Coast Guard
See also: Coast Guard.
Arms for Coast Guard Craft **167**, 155.
Coast Guard Legislation (1918): **185**, 1573.
The Coast Guard Service in 1917: **177**, 2633.
Coastal Telephone Service for the Coast Guard **169**, 584.
U.S. Coast Guard: Its Military Necessities. F.S. Van Boskerck **194**, 623.
Commerce: U.S. Exports, 1812 and 1915: **162**, 631.
Council of National Defense: Duties and Personnel of the Council **166**, 1991.
Defense
See also: Correction **165**, 1623.
An Aerial Cost Patrol for Atlantic and Gulf Coasts **169**, 586. **170**, 839. **171**, 1061. **173**, 1520.
Aero-radio System of National Defense. J.H. Hammond **159**, 1671.
Battleships. R. Earle **165**, 1413.
Defense of Our New Naval Stations.
Bailey, C. **103**, 597.
Barnett, George **103**, 589.
Barry, E.B. **104**, 951.
Craven, T.T. **104**, 952.
Fullam, W.F. **103**, 589.
Williams, Dion **102**, 181.
Wilson, J.C. **103**, 596.
Large vs. Greater Number of Smaller Battleships. T.L. Johnson **164**, 1079.
Mobile Coast Defense **162**, 604.
The Nation's Defense. Y. Stirling **126**, 393.
Navy and Coast Defense
Beehler, W.H. **130**, 343.
Bunker, P.D. **130**, 382.
Stickney, H.O. **131**, 946.
Preparedness. J.R. Edwards **170**, 848.
Preparedness: A Vital Necessity. J.P. Jackson **165**, 1559.
Department of State. B. Livingston **390**, 1089.
Foreign Policy
Coordination Before and During War. F.K. Hill **142**, 563.
Policy Planning Council. R.G. Colbert and R.N. Ginsburgh **758**, 73.
The Russian Policy of the U.S. (1918) regarding Siberia **187**, 2239.
War on the Sea. Darrieus **127**, 847.
Hydrographic Office: New Building for. (1902): **101**, 132.
Is U.S. Aid to the Orient Working? J.Z. Reday **657**, 1149.
Military Policy
The American Blind Spot. H.C. Washburn **167**, 1.
Preparedness of the Future. H.O. Rittenhouse **182**, 733.
Munitions Board: Created **171**, 1080.
National Guard
See also: U.S. Army.
Strength of the National Guard in Federal Service, July, 1917: **175**, 2133.
U.S. National Guard Army in 1917: **173**, 1549.
National Research Council: Personnel of the Council **166**, 1992.
Nautical Almanac Office: See: Naval Administration 1842-1861. C.O. Paullin **124**, 1435.
Naval Administration: See: U.S. Navy--Administration.
Naval Advisory Board **159**, 1676.
Naval Appropriations
See also: U.S. Navy--Program.
Appropriation Bill, 1916-17: **165**, 1637. 1917-18: **169**, 570. **170**, 784. 1919-20: **183**, 1084. **198**, 1435.
Cost of U.S. Navy 1883-1905: **117**, 355.
Estimates 1904: **102**, 372. 1905: **110**, 466.
How to Make a Naval Appropriation. L. Hunt **143**, 907.
Money for the Navy
Hoff, A.B. **125**, 90.
Mudd, J.A. **125**, 47.
Naval Appropriations, C. Conrad **194**, 537.
Naval Intelligence Office: Reorganization of the Naval Intelligence Office (1916): **162**, 590.
Naval Militia
Examinations for the Naval Militia (1916). A.S. Carpender **161**, 320.
Naval Militia Cruise, 1916: **162**, 592.
Naval Militia Notes. A.S. Carpender **160**, 2089.
Strength of the Naval Militia in 1916: **165**, 1664.
Wanted! A Naval Militia Mission. R.R. Riggs **162**, 417.
Naval Policy
Our Panama Canal Policy and Germany (1913): **150**, 601.
Plea for a Definite Naval Policy **154**, 1816.
Naval Prisons
Reformatory Treatment of Soldiers and Sailors Under Detention. G. Haines **144**, 1385.
U.S. Naval Disciplinary Barracks, Port Royal, S.C. C.B. Hatch **144**, 1379.
Neutral, Keeping United States. W.W. Phelps **380**, 1353.
Russia, United States and, in World Equilibrium. S.F. Bryant **380**, 1405.
United States Alliance Policy. H.W. Barber **667**, 74.
United States Alliances East of Suez. H.W. Barber **677**, 67.
United States Government: Command and Control, Changeless--Yet Changing. D.T. Poe **860**, 22. **865**, 78. **871**, 80.
United States Line **317**, 633. **318**, 723. **344**, 1418.
United States Marine Corps
See also: Marine Corps.
Bailey, C.: On defense of our new naval stations **103**, 597.
Barnett, George: On defense of our new naval stations **103**, 589.
Cole, E.K.: Necessity to the Naval service of an Adequate Marine Corps **153**, 1395.
Davis, H.C.: Advance Base Training **137**, 95. Notes on training marines for advance base work **139**, 837. Permanent Regimental Formation in U.S.M.C. **105**, 213.
Fullam, W.F.: On defense of our new naval stations **103**, 589.
Manney, H.N.: Expeditionary Work of the Quartermaster's Department **149**, 103.
The Marine Corps in 1918: **183**, 1094.
Marine Regimental Organization in 1916: **166**, 1994.
Marines Dubbed "Devil Dogs" by Germans **183**, 1094.
Myers, J.T.: Military Operations and Defenses of Siege of Peking **103**, 541.
Niblack, A.P.: Operations of Navy and Marine Corps in Philippines, 1898-1902: **112**, 745. Addendum to same, by E.B. Barry **114**, 463. **115**, 698.
Parker, W.E.: The Company Officer and His Work **148**, 1577.
Phelps, W.W.: Naval Discipline **146**, 509.
Richards, George: Naval Discipline **147**, 1308.
Roosevelt, H.L.: Permanent Company Organization for U.S. Marine Corps **123**, 917.
Selection Promotion for Marines **184**, 1312.
Williams, Dion: Defense of Our New Naval Stations **102**, 190.
Wilson, J.C.: Defense of New Naval Stations. **103**, 596.
Winder, W.: Defense of New Naval Stations **103**, 595.
Ziegemeier, H.J.: Organization and enrollment of reserve for U.S. Navy and Marine Corps **147**, 903.
United States Military Policy
Military Preparedness. R.D. Gatewood **151**, 631.
Plea for Universal Service. J.P. Jackson **168**, 295.
Preparedness: A Vital Necessity. J.P. Jackson **165**, 1559.
United States of Europe, Is [It] Possible? F.F. Kravath **664**, 73.
United States Power Squadrons: High Standard of Skill. A.C. Smith **402**, 1167.
U.S./Soviet Navies, a Comparison: The Trend in Naval Power: A Crisis of Resolve. N.L. Stone **869**, 24.
United States--Aeronautics
See also: Aeronautics.
Aerial Coast Patrol for Atlantic and Gulf Coast **169**, 586. **170**, 839. **171**, 1061. **173**, 1520.
Aerial Mail in the U.S. **194**, 676.
Aeronautic Experiment Station, Annapolis. In Chambers, W.I.: Aviation Today (illus) **144**, 1498.
The Aeronautic Industry in the U.S. (1916): **164**, 1315.
Aeronautical Situation in the U.S. (1917): **169**, 583.
Air Program Scored and Praised (1918): **183**, 1123.
American Aviation Program (1917): **177**, 2681.
Army and Navy to Build Airship of

Zepplin Type (1917): **168**, 380.
Aviation and Aeronautics. W.I. Chambers (1911) (illus) **137**, 163.
Aviation in the U.S. Navy (1918): **184**, 1304.
First U.S. Navy Balloon Nearing Completion **161**, 273.
Government Regulation of Aeronautic Industry in U.S. Proposed (1917): **169**, 585.
Hydroplane for the Navy (1911): **140**, 1480.
Inferiority of American Aeroplanes **162**, 617.
Interchange of Air Patents in U.S. During the War **175**, 2084.
Naval Aeronautics in 1914: **149**, 261.
Navy's Air Policy, 1917: **168**, 382.
The Navy's First Airships. J.C. Hunsaker (illus) **198**, 1347.
The Navy's New Aircraft (1915): **156**, 567.
Organization of the U.S. Air Service **174**, 1809.
Promoting Aerial Navigation (1919): **196**, 1061.
Report of Joint Army and Navy Board on Aeronautic Service **171**, 1060.
U.S. Aeronautic Board Created **177**, 2678.
U.S. Aeronautic Requirements and Possibilities, 1917: **172**, 1281.
U.S. Aircraft Policy, 1917: **173**, 1526.
U.S. Aircraft Production (1918): **180**, 408.
U.S. Army Aviation Act, 1917: **175**, 2074.
U.S. Navy Aviation Personnel Situation in 1917: **172**, 1272.
United States Army
See also: European War--1914-1918; American Expeditionary Forces. U.S. National Guard.
Aeronautics: See: Aeronautics.
Amphibious Infantry--Fleet on Lake Lanao. P. Hitt **420**, 234.
Army Industrial College. E. Snow **270**, 1469.
The Army and the Country's Military Resources (1915): **156**, 571.
Army Pay System (1918): **186**, 1869.
An Army Without Limit **185**, 1567.
Character Building **210**, 1363.
Coast Guard in Army. E.R. Spencer, Jr. **518**, 569.
Education and Training of Officer Personnel. R.E. Bassler **249**, 1818.
First Around-the-World Flight. M.A. Ransom **429**, 1589.
The Formation of the U.S. National Army **173**, 1558.
German Occupation **246**, 1389.
Gun, 75-mm: **351**, 763.
Hawaiian Maneuvers **355**, 1382.
Integrated War Effort. H.N. Kenyon **488**, 1342.
MacArthur, D. **349**, 426.
Military Academy: See: Military Academy.
Navy of the Signal Corps. C.A. Smith **636**, 167.
New Organization for U.S. Army, 1917: **176**, 2406.
Officers to Sea Duty **350**, 636.
Organization of the Army in 1917: **177**, 2735.
Our Future Military Strength. R. Sunderland **497**, 817.
Payroll: 1 Diagram **350**, 609.
Procurement, Joint Navy and Army. J.L. Seligman **383**, 33.
Procurement Planning for War. H. Williams **369**, 1601. **372**, 247.
Railway Artillery Exercises **356**, 1521.
Safety Record **348**, 302.
Strength **202**, 2101.
Strength of the Army in 1917: **177**, 2665.
Temporary vs. Permanent Detail of Specialists. R.E. Bassler **238**, 2101.
U.S. Army Organization Changes, 1917: **175**, 2134.
United States--Foreign Relations
Alliance Diplomacy in Limited War. G.F. Eliot **770**, 52. **776**, 102.
Bagdad Railway and Why It Is of Interest to the U.S. A. Gleaves **142**, 499.
Canada and U.S. Settle Fisheries Dispute (1918): **183**, 1126.
European Allies: Vital Interests and Objectives of Our Major Allies. R. Strausz-Hupé **743**, 152.
India as a Prospective Partner. W.H. Hessler **732**, 72. **739**, 109, 113.
Japan
Biddle, Perry, and Japan. R.A. von Doenhoff **765**, 78.
Japan and California (1913): **150**, 612.
Shipping Agreement With Japan (1918): **183**, 1197.
Mexico
See also: European War--1914-1918; Diplomatic History; Monroe Doctrine.
American-Mexican Joint Commission Dissolved, Jan. 1917: **168**, 423.
Carranza Demands Withdrawal of U.S. Troops, May 22, 1916, and U.S. Reply **164**, 1382.
Cooperation with Mexico in the Chase for Villa **163**, 1022.
International Joint Commission on U.S. Relations with Mexico (1916): **165**, 1728.
Mexican Negotiations Regarding Pursuit of Villa, March 1916: **162**, 641.
Negotiations with Mexico, 1916, regarding murder of American citizens in Mexico **161**, 294.
Senate investigations of Mexican relations, July 1919: **199**, 1659.
Of Hawks and Doves. G.S. Hodgson **771**, 30. C&D: **780**, 108.
Pentagon's Whiz Kids. R.J. Stillman **758**, 52. **761**, 114, 115. **764**, 123, 124, 125.
Professional Officer and Foreign Policy. C.O. Lerche, Jr. **737**, 68.
The Two-Power Standard: America and England **140**, 1479.
U.S. Agreement With Japan, 1917, regarding China **178**, 3080.
United States Naval Academy
Alden, C.S.: The Santee: An Appreciation **146**, 762.
Alger, P. R.: On age limit at Naval Academy **114**, 447.
Ames, H.E.: Higher physical, moral and intellectual standard for naval personnel **109**, 31.
Benjamin, Park: On the "Brood of the Constitution." **163**, 925.
Brown, S.J.: On U.S. Naval Academy Training **139**, 1033.
Clark, G.R.: On "Another View of Alma Mater." **132**, 1262.
Cluverius, W.T.: Annapolis, A Fair Show Wanted **118**, 539. On U.S. Naval Academy Training **139**, 1033.
Cresap, Logan: U.S. Naval Academy Training **138**, 447.
Feipel, L.N.: Seal, or Coat of Arms, of the U.S. Naval Academy (illus) **145**, 155.
Foley, Paul: The Naval Academy Practice Cruise **133**, 239.
Foster, C.H.: Requirements for Admission to the Naval Academy--An Historical Review **180**, 339.
Fowler, O.W., Tr.: The Naval Academy From the View-point of a French Officer **164**, 1219.
Fullam, W.F.: Reports of Fitness of U.S. Naval Academy Graduates **107**, 661.
Goodrich, C.F.: Another View of Alma Mater **131**, 631.
Hazing
Another View of Alma Mater. C.F. Goodrich **131**, 649.
Education at the U.S. Naval Academy. R. Hunt **163**, 729.
On "Another View of Alma Mater." R. Hunt **132**, 1263.
Hinds, A.W.: What's the Matter with the Naval Academy? A Plea for a Five-Year Course **141**, 187.
Hunt, Ridgely: Alma Mater **127**, 755. Education at the U.S. Naval Academy **163**, 701.
Jackson, R.H.: On U.S. Naval Academy **114**, 422.
Kinkaid, T.W.: Super-dreadnoughts and Supermen **162**, 503.
Laning, Harris: Necessity of Protecting Our Athletes **146**, 705.
Littlehales, G.W.: William Chauvenet and the U.S. Naval Academy (Port) **115**, 605.
Morgan, J.M.: "Brood of the Constitution." (illus) **161**, 125. **164**, 1259.
Naval Academy Graduates' Association
Annual Dinner, June 1, 1916: **164**, 1397.
Circular Regarding Subscriptions to Farragut Memorial Window Fund **161**, 333.
Committee on Farragut Memorial Window **148**, 1787.
Constitution of the Association **159**, 1764.
First Meeting of Farragut Memorial Window Committee **149**, 282.
List of U.S. Naval Academy Graduates of Whom Track Has Been Lost (1913): **149**, 282.
Meeting of Council in Preparation for Annual Meeting of 1914: **150**, 619.
Minutes of Annual Meeting, June, 1915: **158**, 1393.
Notice regarding proposed tablet to memory of A.J. Corbesier **163**, 1065.
Report Annual Meeting, June 1914: **152**, 1269.
Report of Meeting of the Council, March 27, 1917: **171**, 1100.
Report of Meeting of June 1, 1916: **164**, 1394.
Postgraduate School
See also: Trophies and Relics.
Belknap, R.R.: Postgraduate Department of the Naval Academy **145**, 135.
Bieg, V.N.: What can be done to improve engineering in our navy today? **173**, 1463.
Reopening of postgraduate school, June 1919: **197**, 1256.
School of Marine Engineering Established, 1909: **131**, 979.
Training Officers for Inspection Duty. T.D. Parker **150**, 368.
Wilson, E.E.: Engineering postgraduate schools from the student's standpoint **162**, 495.
Richardson, J.O.: Summer Cruise for Midshipmen of the 2d Class **154**, 1685.
Small, E.G.: U.S. Naval Academy: An Undergraduate's Point of View **144**, 1397.
Smith, R.C.: Personnel and Promotion Reduced to Simplest Terms **119**, 801.
Stapler, J.T.G.: A More Sea-Going Graduate **146**, 589.
Wainwright, Richard: On "Another View of the Alma Mater." **132**, 1260.
Wells, W.B.: On U.S. Naval Academy Training **139**, 1033.
Westcott, A.F.: Two Colleges and the

United States Naval Academy (Cont.)
Westcott, A.F. (Cont.)
Naval Academy: A comparative study **161**. 139.
Allowance for Clothing Proposed for Midshipmen **200**, 1788.
Board of Visitor's Report, 1902: **103**, 671.
Contracts Let for Bancroft Hall and Armory **101**, 131.
Cost of Enlargement, 1918: **185**, 1558.
Early Graduation During European War **174**, 1842.
Illustration Showing Academy Used as Hospital During Civil War **199**, 1485.
Law Governing Appointment of Enlisted Men to the Naval Academy **152**, 1214.
List of Members of Class of 1915: **159**, 1766. 1916: **164**, 1398. 1917: **173**, 1656.
Marine Engineering Bldg., various views **116**, 823.

United States--Naval Communication Service
Services rendered Marines by the Naval Communication Service. B.V. McCandlish **170**, 705.
The U.S. Naval Radio Service. W.H.G. Bullard **150**, 431.

United States--Naval Consulting Board
Personnel of the Board in 1916: **166**, 1990.

United States--Naval History
Barnes, J.S.: Naval Literature **106**, 333.
Calkins, C.G.: The American Navy and the opinion of one of its founders, John Adams **138**, 453. Repression of Piracy in the West Indies, 1814-1825: **140**, 1197. Tradition and Progress in the Navy **147**, 1189.
Daveluy, R.: Study of Naval Strategy **131**, 903. **132**, 1057. **133**, 126. **134**, 393.
Farenholt, A.: A short account of legislative action in regard to U.S. Navy up to War of 1812 and notes concerning vessels **128**, 1279.
Feipel, L.N.: The Navy and Filibustering in the 50's: **182**, 767. **183**, 1009. **184**, 1219. **185**, 1527. **186**, 1837. **187**, 2063. U.S. Navy in Mexico **155**, 33. **156**, 489. **157**, 889. **158**, 1159. **159**, 1527. **160**, 1993. **161**, 171.
Ford, T.G.: American navigators of the colonial period and the Yankee midshipman **119**, 861.
Goodrich, C.F.: Our navy and the West Indian pirates: a documentary history **164**, 1171. **165**, 1461. **166**, 1923. **167**, 83. **168**, 313. **169**, 483. **170**, 683.
Goodrich, C.F. **171**, 973. **172**, 1197. **173**, 1448. **174**, 1727. **175**, 2023.
Luce, S.B.: Board of navy commissioners **140**, 1112. Commodore Biddle's visit to Japan in 1846: **115**, 555.
Maclay, E.S.: Potency of Naval Biographies **138**, 563.
Mola, Henri: American Privateers at Dunkerque. Tr. by S.L. Mims **139**, 933.
Neeser, R.W.: The Navy's Part in the Acquisition of California **125**, 267.
Paullin, C.O.: American Navy in the Orient in Recent Years (1865-1910): **140**, 1137. **141**, 87. Early Naval Administration Under the Constitution **119**, 1001. Early Voyages of American Naval Vessels to the Orient **134**, 429. **135**, 707. **136**, 1073. **137**, 239. **138**, 387. Half a century of naval administration in America, 1861-1911: **144**, 1309. **145**, 165. **146**, 735. **147**, 1217. **148**, 1469. **149**, 111. **150**, 419. **151**, 673. **152**, 1059. Naval Administration, 1842, 1861: **124**, 1435. Naval Administration under the Navy Commissioners, 1815-1842. (Ports) **122**, 597. Naval Administration under Secretaries of the Navy Smith, Hamilton, and Jones, 1801-1814: Portraits **120**, 1289.
Stewart, C.W.: Early American Visitors to Japan **116**, 945.

United States Naval Institute
Annual Report

1901:	**101**, 175.	1910:	**137**, 343.
1902:	**105**, 317.	1911:	**141**, 381.
1903:	**109**, 255.	1912:	**145**, 414.
1904:	**113**, 265.	1913:	**149**, 279.
1905:	**117**, 377.	1914:	**155**, 311.
1906:	**121**, 465.	1915:	**162**, 687.
1907:	**125**, 383.	1916:	**168**, 371.
1908:	**129**, 333.	1917:	**180**, 359.
1909:	**133**, 334.	1918:	**192**, 251.

Board of Control Statement Regarding Discontinuance of "War Notes" **191**, 85.
Constitution and By-laws **1**, 11, 15.
Constitution and By-laws as amended (1905): **116**, 1057. (1918): **179**, 227.
Freedom of Discussion in the Naval Institute Proceedings. P.R. Alger **112**, 831.
List of Members (1903): **106**, 514.
Minutes of the Annual Meetings
1907: **124**, 1501.
1912: **144**, 1701.
1913: **148**, 1781.
1914: **154**, 1907.
1915: **160**, 2163.
1916: **166**, 1956.
1917: **177**, 2578.
1918: **189**, 2609.
Reproduction of Prize Essay Medal, 1912: **142**, 827. **143**, 1191.
The United States Naval Institute. B.A. Fiske **192**, 197.

United States--Naval Observatory
Transfer of Control Protested (1918): **183**, 1086.
Work (and origin) of the (U.S.) Naval Observatory. C.M. Chester **110**, 265.

United States--Naval Policy
Alger, Philip R.: On American Naval Policy **113**, 179.
Allen, E.G.: Notes on policy, materiel and personnel **159**, 1489.
Barry, E.B.: On American Naval Policy **114**, 469. On the fleet and its personnel **110**, 417.
Baxter, W.J.: On American Naval Policy **113**, 192.
Beehler, W.H.: The Navy and Coast Defense **130**, 343. On American Naval Policy **113**, 186.
Berry, A.G.: On American Naval Policy **113**, 185.
Chandler, L.H.: Coordination in National Policy **165**, 1607.
Cronan, W.P.: Greatest Need of the U.S. Navy; proper organization for the successful conduct of war. An estimate of the situation **164**, 1137.
Davis, H.C.: Some thoughts on our lack of a naval policy **155**, 53.
Dinger, H.C.: Naval Needs and Requirements **109**, 73.
Drake, F.J.: On the fleet and its personnel **110**, 411.
Earle, Ralph: Battleships **165**, 1413.
Fiske, Bradley A.: American Naval Policy **113**, 1, 179. Naval Power **139**, 683. On the fleet and its personnel **110**, 422. On the nation's defense **126**, 425.
Fullam, W.F.: On American Naval Policy **113**, 184.
Fullinwider, S.P.: The Fleet and Its Personnel **109**, 1.
Gibbons, J.H.: Need of a building program for our navy **106**, 321.
Gleaves, Albert: On Naval Policy **113**, 182.
Goodrich, C.F.: On American Naval Policy **115**, 693.
Goodrich, C.M.: On the fleet and its personnel **110**, 411.
Groesbeck, William G.: Considerations affecting the determination of a naval programme **117**, 173.
Hinds, A.W.: Peace, or War? **159**, 1409.
Hood, John: Naval policy as it relates to the shore establishment and the maintenance of the fleet **150**, 319.
Hunt, Ridgely: Naval Might **141**, 7.
Jacobs, W.F.: Strength in Action **175**, 2005.
Johnson, T.L.: Large vs greater number of smaller battleships **164**, 1079. See also: Correction **165**, 1623.
Jones, N.L.: Greatest need of the Atlantic Fleet **145**, 39.
Knapp, H.S.: The Navy and the Panama Canal **147**, 931. On the fleet and its personnel **110**, 427.
Latin-American View of the Problem of our Navy **152**, 1222.
Luce, S.B.: A powerful navy not dangerous to civil liberty **119**, 1069.
McCauley, Edward, Jr.: On American naval policy **114**, 475.
McKean, J.S.: War and Policy **149**, 1.
Need of meeting Japan's building program **150**, 562.
Niblack, A.P.: On American Naval Policy **114**, 467.
Palmer, Frederick: The war's naval lessons for the U.S. **162**, 622.
Powell, J.W.: On American Naval Policy **113**, 189.
Stirling, Yates: On the fleet and its personnel **111**, 623. The nation's defense **126**, 393.
Stockton, C.H.: On American Naval Policy **113**, 194.
Taylor, H.C.: The Fleet **108**, 799.
Wilson, J.C.: On American Naval Policy **114**, 465. On the fleet and its personnel **110**, 424.
Winthrop, Beekman: Be ready for war **143**, 829.
Yarnell, H.E.: Greatest Need of the Atlantic Fleet **145**, 1.

United States--Naval Prisons
Classification of the personnel of the U.S. naval disciplinary barracks, Port Royal, S.C. W.L. Mann **147**, 1085.
Osborne's Criticism of Navy Prison at Portsmouth **167**, 160.

United States--Naval Radio Service: See: Radio; U.S. Naval Communication Service.

United States--Naval Reserve
See also: Naval Reserve.
Activities of the Naval Reserve, 1917: **170**, 844.
Amendment to Naval Reserve Act (1915): **161**, 246.
Creation of the Naval Reserve **163**, 951.
Dillingham, A.C.: A Personnel Reserve for the Naval Service **166**, 1889.
Draper, E.G.: Plan for maintaining the Naval Auxiliary Reserve after the War **190**, 2757. See also: **198**, 1408.
Engineering Reserve for the Navy **160**, 2037.
Gill, C.C.: A personnel reserve for the naval service **165**, 1589. State naval volunteers for the reserve fleets of the U.S. Navy **151**, 647.

Law Establishing the U.S. Naval Reserve **156**, 582.
Marsh, C.C.: Wanted! A First Aid **137**, 59.
National Naval Reserve Proposed **154**, 1815.
Naval Reserve Officers at Annapolis (1918): **185**, 1559.
Plans for a Naval Reserve **159**, 1651.
Reserve Officers School at Annapolis **187**, 2111.
Savage, F.A.: Suggestion for the use of battleships in reserve **151**, 809.
What the Naval Reserve Bill means **157**, 934.
See also: U.S. Navy--Personnel.
United States--Naval Stations and Naval Training Stations: See: U.S. Navy Yards, Stations, and Bases; Naval Training; Names of Stations.
United States--Naval War College
Chadwick, F.E.: Opening Address (1902): **102**, 251.
Crosley, W.S.: Naval War College, General Board and Office of Naval Intelligence **147**, 965.
Farley, L.C.: The seagoing officer and the war college **161**, 211.
Development of the War College: In Jones, N.L.: Navy Department Administration **150**, 385.
Establishment of: **148**, 1496.
Farley, L.C.: The Seagoing Officer and the War College **161**, 211.
Fiske, B.A.: The Naval Profession **122**, 475.
Harts, W.W.: Combined Army and Navy War College **168**, 287.
Knight, A.M.: Aims and Methods of the War College **158**, 1223. On a Combined Army and Navy War College **168**, 291.
Luce, S.B.: The relations between U.S. Naval War College and line officers of the U.S. Navy **139**, 719. True relations between the Dept. of the Navy and the Naval War College **137**, 83. The U.S. Naval War College **134**, 559. **135**, 683. Welcoming Address, June 1903: **107**, 537.
Notes on applicatory system of solving war problems **143**, 1011.
Reopens, June 2, 1919: **197**, 1255.
Rodgers, W.L.: The Naval War College Course **144**, 1235. Relations of the War College to the Navy Department **143**, 835.
Sims, W.S.: Cheer Up! There is no naval war college **163**, 857. Naval War College Principles...applied afloat **156**, 383. The U.S. Naval War College **199**, 1485.
Yarnell, H.E.: Greatest Need of the Atlantic Fleet **145**, 5.
United States Navy
See also: Fleet, The. (For comparative statistics, See: Navies).
Activities of the Atlantic Fleet, in 1916: **163**, 953.
Adams, C.F. re **342**, 1106. **346**, 1706. **347**, 116. **351**, 762.
Administration
See also: Administration and Organization; Naval Administration; U.S. Navy Department.
Allen, E.G.: A Discussion on Naval Management **157**, 863.
Barry, E.B.: Naval Profession **123**, 1285.
Crosley, W.S.: Naval War College, General Board, and Office of Naval Intelligence **147**, 965.
Fiske, B.A.: The Naval Profession **122**, 475. On navy department administration **146**, 501.
Goodrich, C.F.: On "the money for the navy." **125**, 321. On reorganization of the naval establishment **129**, 285. On the truth about naval administration **115**, 698.
Harrington, C.A.: On the military-industrial organization of the navy **151**, 717.
Hoff, A.B.: The fleet ready to fight **132**, 1029. On the money for the navy **125**, 90.
Hood, John: Remarks called forth by essay of J.A. Mudd (on reorganization) **130**, 385. Some remarks on the administration of justice in the navy **111**, 589.
Kearney, T.A.: the military-industrial organization of the navy **151**, 689.
Luce, S.B.: Poard of Navy Commissioners **140**, 1112. Naval Administration **104**, 839. **108**, 809. Naval Strategy **129**, 93.
McLean, Ridley: On the naval profession **123**, 1282.
Mudd, J.A.: The money for the navy **125**, 47. Reorganization of the naval establishment **129**, 37.
Official Report of Reorganization Commission, 1909: **129**, 300.
Paullin, Charles O.: Administration of the Massachusetts and Virginia Navies of the American Revolution **117**, 131. Administration of the (Revolutionary) Navy **115**, 625. Early naval administration under the Constitution **119**, 1001. Half a century of naval administration in America, 1861-1911: **144**, 1309. **145**, 165. **146**, 735. **147**, 1217. **148**, 1469. **149**, 111. **150**, 419. **151**, 673. **152**, 1059. Naval Administration, 1842-1861: **124**, 1435. Naval Administration under the Navy Commissioners, 1815-1842 (Ports.) **122**, 597. Naval Administration under Secretaries of the Navy Smith, Hamilton and Jones, 1801-1814 (Portraits) **120**, 1289.
Radford, G.S.: On the military-industrial organization of the navy **151**, 713. Organization... with special reference to the navy **148**, 1683.
Roberts, T.G.: Truth About Naval Administration **114**, 315. **116**, 981.
Stirling, Yates: On the fleet and its personnel **111**, 623.
Taylor, H.C.: The Fleet **108**, 799.
Yarnell, H.E.: Naval Economy **132**, 1199.
Aeronautics: See: Aeronautics; U.S. Aeronautics; names, or numbers, of craft.
Alaska: Survey **351**, 763.
Alma Mater, Second. C.L. Funnell **403**, 1231
"Americanization" of U.S. Navy. M. Radom **408**, 231.
Appropriations: See: U.S. Naval Appropriations.
Asiatic Fleet **249**, 1907.
The Atlantic Fleet in 1910: **134**, 619.
Atom Age Navy. M.T. McNevin **680**, 40.
Ayres, W.A. re **280**, 1206.
Bill Nye Sees Navy. E.W. Nye **386**, 489.
Birth of the American Navy. V.J. Dowdell, Jr. **633**, 1251.
Board of Award: Personnel of the Board **194**, 665.
Book Review **351**, 756. **353**, 1061.
British Views **208**, 936. **255**, 824.
Building Major Combatant Ships in World War II. H.F.D. Davis **531**, 565.
Building Program: See: U.S. Navy--Program.
Building Seven Seas Navy. D.W. Mitchell **507**, 507.
Bureau of Ordnance
Annual Report 1903-4: **110**, 463. 1905-6: **120**, 1607.
Report, 1915: **160**, 2047.
Chief of Naval Operations
Duties of. **157**, 934. **164**, 1299.
Functions of Office of Naval Operations **162**, 589.
Classification of Naval Vessels. J.E. Hamilton **513**, 1303.
Combat Operations, March 1944 to March 1945. E.J. King **507**, 599.
Commissioned Officers
Acting Ensigns for Engineering Duty (1916): **165**, 1660.
Flag Officers in the U.S. Navy. A.C. Dillingham **140**, 1389.
Increase of Staff Officers (1916): **161**, 245.
Officer Personnel of the Navy. H. Laning **200**, 1673.
Prize Competition for Naval Engineers **131**, 978.
Rank and Precedence in the Navy (1918): **184**, 1311.
Re-creation of Grade of Commodore **160**, 2035.
Rules for Appointment to Civil Engineer Corps (1902): **103**, 686.
Shortage of Naval Engineers, 1916: **161**, 244.
Staff Officers Given Actual Rank (August 1918): **188**, 2384.
Comparative Statistics: See: Navies.
Condition of American Navy. S. Ballou **259**, 1509.
Corps: See: Personnel.
Cost of the U.S. Navy, 1794-1915: **167**, 147.
Cruises: See: Cruise of Eleet Around World, 1907-9.
Customs: See: History.
Discipline
See also: Discipline, Leave.
Bierer, B.B.: Punishment for Certain Offenses **109**, 201.
Dinger, H.C.: Naval Needs and Requirements--Discipline **109**, 103.
Dunn, H.O.: Discipline in the Old Navy **165**, 1603.
Durr, Ernest: A Higher Standard of Discipline **149**, 17.
Hood, John: Some remarks on the administration of justice in the navy **111**, 589.
Johnston, Marbury: Discipline in the Navy **143**, 851.
Kinkaid, T.W.: On "A question in discipline." **153**, 1473. On naval discipline **145**, 358.
Parker, T.D.: A question in discipline **152**, 1105.
Pheleps, W.W.: Naval Discipline **146**, 509. On "A question in discipline." **152**, 1108.
Pond, C.F.: Naval Discipline **144**, 1369.
Richards, George: On naval discipline **147**, 1308.
Rodman, H.: Letter to Navy Department regarding discipline aboard USS Cleveland **142**, 746.
Williams, C.R.: History of Discipline in the Navy **193**, 355.
Down to the Sea in Ships'--Names. W.F. Calkins **665**, 29.
Early Engineering Education. W.F. Durand **528**, 167.
Education: See: Education.
Efficiency, etc. **201**, 1918. **202**, 2081. **244**, 1048. **258**, 1334. **265**, 466, 476, 481. **301**, 251. **346**, 1745.
Engineer Corps: See: U.S. Navy--Personnel.
Engines: See: Engines.
Enlisted Men
The Enlisted Strength of the U.S. Navy in 1914: **151**, 872.
Hussey, C.L.: Systematic training of enlisted personnel **105**, 59.

United States Navy (Cont.)
Enlisted Men (Cont.)
McLean, Ridley: Permanance of the Enlisted Force of the Navy **120**, 1251.
Magruder, T.P.: The Enlisted Personnel **134**, 375.
Taussig, J.K.: Enlisted Personnel of the Navy **160**, 1781.
Executing National Policy. H.N. Kenyon **486**, 1045.
Expenditures **347**, 113, 116. **355**, 1368.
Experiment Station: See: Research and Experiment.
First Officer **428**, 1455.
A Fleet for the Pacific **195**, 820.
Fleet Prior Spanish-American War **344**, 1450.
Fleet Review at New York, 1912: **144**, 1666.
Fleet, United States, A.J. Hepburn **404**, 1443.
Foreign Estimate of the U.S. Navy (1917): **169**, 578.
French Impressions of the U.S. Fleet (1911): **137**, 308, 332.
Functions, United States Navy and Its (Address). H.L. Roosevelt **404**, 1383.
Future of the Navy. V.V. Utgoff **666**, 73.
General Board
See also: Administration and Organization.
General Board Established; Its Duties **149**, 116.
General Board Proposed, 1903: **106**, 493.
Report, 1914: **149**, 226. 1915: **161**, 249. **162**, 588.
Genesis of Sixth Fleet, S.G. Xydis **666**, 41.
German Criticism of the U.S. Navy (1914): **152**, 1219.
Goodrich, C.F.: The Founding of Our New Navy **184**, 1267.
Graphic illustration of our navy as it is and as it should be (1915): **156**, 549.
Growth of, 1897-1911: In Paullin, C.O. **152**, 1059.
Growth of the Navy, 1903: **102**, 376, 381.
Growth of the Navy During 1917: **179**, 120.
Gunnery: See: Guns and Gunnery.
History: See: History.
History Program. D.W. Knox **487**, 1196.
History While It's Hot. W.C. Chambliss **494**, 415.
Hoover, H.C., re **346**, 1706.
How We Got Our Navy. H.H. Frost **359**, 43.
Hydrographic Office: See: Hydrography.
Jet Age Carrier (Pict). W.J. Aston **639**, 529.
Knox, D.W.: Our Post War Mission **198**, 1293.
Legislation: H.R. 9218. J.E. Hamilton **432**, 191.
List of Available Vessels of U.S. Navy (1913): **148**, 1403.
London Treaty: See: London Naval Treaty.
Losses of United States Navy, World War I. H.A. Gosnell **411**, 630. **414**, 1169.
Lynch, C. McM: Comparison Between American and British Landing Forces Ashore **138**, 419.
Maneuvers: See: Maneuvers.
Marine Corps: See: Marine Corps.
McIntosh, K.C.: Afterwards! **191**, 1.
Medical Corps: Blackwood, W.J. and Bell, W.H.: Greater field of activity for medical officers of navy yards **175**, 1977.
Meeting New Navy. C.L. Funnell **527**, 23.
Merchant Marine, Naval Co-operation with Our. W.O. Spears **389**, 957.
Merrill, R.T.: What Can We Do? **160**, 2003.
Names of Officers **445**, 414.
Naval Academy: See: Naval Academy.
Naval Needs and Requirements. H.C. Dinger **109**, 73.
Naval Policy of United States. H.G. Brownson **365**, 975. **370**, 1784.
Naval Reserve: See: Naval Reserve.
Navy. F. Witman **510**, 915.
The Navy as an Industrial School **131**, 980.
Navy Department
See also: Administration and Organization; U.S. Navy--Administration.
Barry, E.B.: On the U.S. Navy Department **114**, 484.
Departmental Preparedness, Civil and Spanish Wars. Luce, S.B.: Naval Strategy **129**, 93.
Duties of Various Officials: See: Paullin, C.O. **149**, 123.
Gill, C.C.: The Principle of Skill **157**, 857.
Goodrich, Caspar F.: On U.S. Navy Department **114**, 478.
Jones, N.L.: Details of Navy Department Administration...(and) policies **150**, 377.
Kearney, T.A.: The military-industrial organization of the navy **151**, 689.
Luce, S.B.: Department of the Navy **113**, 81. True relations between the Department of the Navy and the Naval War College **137**, 83.
Navy Department Organization **161**, 249.
Offices Moved (1918): **188**, 2394.
Official Report of the 1909 Reorganization Commission **129**, 300.
Roberts, T.G.: On the U.S. Navy Department **114**, 479.
Rodgers, W.L.: Relations of the War College to the Navy Department **143**, 835.
Wilson, J.C.: On the U.S. Navy Department **114**, 481.
Navy of 1973. G.W. Anderson, Jr. **719**, 22.
The Navy of the Future **723**, 117.
The Navy Image. S.T. De La Mater **722**, 26.
Navy at Newport. M.H. Elliott **364**, 833.
The Navy in 1915: Opinions of Experts before House Committee on Naval Affairs, 1914: **156**, 553.
Navy in U.S. National Strategy. H. Nickerson **528**, 149.
Navy: Its Contact with Congress. C.H. Schmidt **360**, 239.
Navy Day, First, 1922--Some Forgotten Naval History. J.R. Carney **440**, 1441.
Navy Sails the Inland Seas. A.P. Slaff **681**, 23.
The Navy's Fighting Value, 1917: **169**, 576.
The Navy's Historians (Pict). E.M. Eller **722**, 96.
Navy's Medical Problem. P.G. Phillips **626**, 391.
Navy's Schneider Cup Racers. R.H. Rankin **629**, 802.
Navy's Stake in Future. G. Richards **540**, 183.
Navy Yards: See: Naval Stations; United States--Navy Yards, Stations, and Bases.
New Type for Navy. J.U. Lademan, Jr. **352**, 865.
Notes on Our Naval Future. R.H. Smith **518**, 489.
Nuclear Power for the Navy. Craig Hosmer **663**, 57.
Observatory: See: Naval Observatory.
Operating Schedule to 30 June, 1932: **348**, 283.
Ordnance: See: Guns and Gunnery.
Organization: See: Administration and Organization.
Origin. C.S. Morgan **405**, 1565.
Our Civilian Navy. M. Radom **504**, 187. **514**, 1497.
Our Future Military Strength. R. Sunderland **497**, 817.
Our Future Navy (Pict) **719**, 66.
Our Navy and Its Needs. E.W. Eberle **259**, 1399.
Our Navy at War. E.J. King **496**, 757.
Our Navy Today. C.A. Swanson **404**, 1379.
Our Navy's Future **629**, 825.
Our Newest Navy: How Its Cost is Being Determined. D. Potter **192**, 201.
Pacific, In: See: Policy.
Parity **336**, 251. **347**, 132. **357**, 1671.
Pay: See: Personnel.
Pay Corps
Amalgamation Features of the Personnel Problem. H.E. Yarnell **147**, 1111.
Name Changed to U.S. Navy Supply Corps **198**, 1439.
Pay Officers in Powder Division **103**, 671.
U.S. Navy Pay Officers' School **154**, 1814.
Peace, In: See: Peace-time Navy.
People's Navy: Prospects of American Sea Power. P.M. Stanford **514**, 1455.
Personnel
See also: Personnel.
Ames, Howard E.: Higher Physical, Moral and Intellectual Standard for Naval Personnel **109**, 31.
Authorized Strength of U.S. Navy Personnel, 1916: **171**, 1031.
Baird, G.W.: On "Amalgamation, a Failure?" **117**, 309.
Barry, E.B.: On the fleet and its personnel **110**, 417.
Barton, John K.: On "Amalgamation, a Failure?" **117**, 306.
Beach, E.L.: Results of the Navy Personnel Law of March 3, 1899: **102**, 233.
Chandler, L.H.: An answer to criticisms of "Is amalgamation a failure?" **118**, 555.
Chandler, L.H.: Is amalgamation a failure?" **116**, 823.
Dinger, H.C.: Naval Needs and Requirements **109**, 73. Personnel Law of 1899: **103**, 623.
Drake, F.J.: On the fleet and its personnel **110**, 411.
Dunn, H.O.: Notes on the Department's Proposed Personnel Bill (1912): **144**, 1569.
Fiske, Bradley A.: On "Amalgamation, a Failure?" **117**, 308.
Fleet and Its Personnel **110**, 422.
Fullinwider, S.P.: The Fleet and Its Personnel **109**, 1.
Goodrich, Caspar F.: On the fleet and its personnel **110**, 411.
Health of Naval Personnel, 1917: **42**, 2660.
Holmes, V.T.: Problem of Engineers **106**, 369.
Hood, John: Draft of a bill increasing commissioned personnel of the line of the navy, establishing an... engineering branch **115**, 565.
Huse, H.P.: Question of Naval Engineers (1902): **104**, 911.
Increase, 1902, recommended by Secretary of Navy **104**, 990.
Kaemmerling, G.: On "Amalgamation, a Failure?" **118**, 706.
Key, A.L.: Alarming condition of the

United States Navy (Cont.)
Personnel (Cont.)
Key, A.L. (Cont.)
(U.S.) naval personnel--responsibility and remedy **117**, 285.
Kinkaid, T.W.: Naval corps **169**, 497. On "Amalgamation, a Failure?" **117**, 308. Une chose a la fois **154**, 1753.
Knapp, Harry S.: On the fleet and its personnel **110**, 427.
Knox, D.W.: Naval Personnel Legislation **148**, 1607.
Luby, J.F.: In re amalgamation, line and engineers **125**, 331.
McEntree, W.: On "Amalgamation, a Failure?" **117**, 315.
The 1916 Personnel Bill **162**, 593.
Personnel Legislation, 1915: **156**, 587.
The Personnel Question in 1917: **167**, 157.
Personnel Statistics, 1919: **199**, 1628.
Personnel Strength of the Navy in 1914: **149**, 248.
Smith, Roy C.: On the alarming condition of the navy personnel **118**, 702. Personnel and promotion reduced to simplest terms **119**, 801. Present (1908) phase of the personnel question **128**, 1129.
Stirling, Yates: On the fleet and its personnel **111**, 623.
Strength of the Naval Personnel in 1917: **177**, 2665.
Strength of Personnel, March 1918: **183**, 1081.
Temporary Personnel Increase, 1917: **172**, 1295. **173**, 1538.
Todd, F.A.: Present Vital Need of a Navy Personnel Policy **193**, 377.
Tomb, J.H.: Personnel Legislation **140**, 1239.
U.S. Personnel, 1897-1911: In Paullin, C.O.: Half Century of Naval Administration **151**, 673.
U.S. Naval Personnel is 95.58% American Citizens **161**, 244.
Wilson, J.C.: On the fleet and its personnel **110**, 424.
Worthington, W.F.: On "Amalgamation, a Failure?" **117**, 303.
Yarnell, H.E.: Amalgamation Features of the Personnel Problem **147**, 1111.
Place Names Honoring Navy. E.H. Clark, Jr. **542**, 453.
Police of Our Foreign Trade, the Navy. G.H. Eckhardt **349**, 366.
Policy **205**, 450. **206**, 622. **208**, 941. **209**, 1117. **214**, 2018, 2021. **223**, 1446. **225**, 1817. **235**, 1586. **238**, 2168. **240**, 333. **241**, 496. **244**, 1027, 1052. **246**, 1370. **249**, 1904. **252**, 289. **253**, 445. **255**, 826. **262**, 2079. **263**, 123. **264**, 284. **289**, 342. **311**, 56, 71. **312**, 164. **314**, 327. **325**, 252. **326**, 269. **333**, 1036. **342**, 1079. **344**, 1407. **345**, 1491, 1557, 1563.
See also: Policy.
Post-War Naval Policy. I. Olch **500**, 1309.
Post-War Navy. W.I. Denny **498**, 967.
Problems of Obsolescence. D.D. Lewis **680**, 27.
Program **203**, 120. **207**, 764. **208**, 955. **223**, 1445. **232**, 1028. **239**, 152. **243**, 470. **246**, 1351. **248**, 1727. **254**, 653, 672. **259**, 1540. **260**, 1728. **261**, 1892. **264**, 310, 316. **325**, 242. **329**, 646. **338**, 538. **344**, 1408, 1416. **346**, 1745. **348**, 301. **356**, 1520. **358**, 1823.
Program 1902-3: **102**, 372. 1903-4: **111**, 655. 1907-8: **123**, 1308. 1911-12: **139**, 1071. 1913: **144**, 1666. 1914: **149**, 248. **151**, 873. **152**, 1214. **154**, 1814. **155**, 226. **156**, 580. **160**, 2041. 1916: **161**, 252. **162**, 585. **163**, 943, 947. **165**, 1637. **166**, 1979. 1917: **167**, 145. **169**, 570. **177**, 2631. 1918: **189**, 2816. 1919: **191**, 206.
See also: U.S. Naval Appropriations; U.S. Navy--Vessels Building.
Promotion: See: Personnel.
Promotion and Pay
Ames, H.E.: On promotion present and prospective **114**, 446.
Barry, E.B.: On promotion by selection **118**, 691.
Bradley, W.W.: On personnel legislation **149**, 177.
Chambers, W.I.: On "Promotion, present and prospective." **114**, 449.
Dillingham, A.C.: Flag Officers in the U.S. Navy **140**, 1383.
Fletcher, F.F.: Argument Against Promotion by Selection **162**, 597.
Goodrich, Caspar F.: On "Promotion by Selection." **118**, 691.
Hood, John: Draft of a Bill (Proposing changes in the navy). **115**, 565.
Jackson, Richard H.: Promotion, present and prospective **114**, 401.
Kinkaid, T.W.: Examinations for Promotion **153**, 1405. On naval personnel legislation (Selection) **148**, 1617.
McIntosh, K.C.: "The Man's the Thing." **156**, 405.
McLean, Ridley: On promotion present and prospective **114**, 437.
Naval examining board and the promotion of officers previously court-martialed **165**, 1659.
New ratings and pay increase (1917): **173**, 1549.
Promotion and Selection: In Knox, D.W.: Personnel legislation **148**, 1612.
Promotion by Selection in the Navy **161**, 254.
Phelps, W.W.: On Promotion, Present and Prospective **114**, 436.
Rittenhouse, Hawley O.: Promotion by Selection **117**, 1. A reply to the criticisms of the prize essay for 1906: **118**, 661.
Selfridge, T.O.: Plan of Selection **163**, 915.
Smith, Roy C.: On promotion by selection **118**, 687. Personnel and Promotion reduced to simplest terms **119**, 801. Present (1908) phase of the personnel question **128**, 1129. Some considerations affecting the naval personnel **139**, 1013.
Stickney, H.O.: On promotion, present and prospective **114**, 442.
Tomb, J.H.: Personnel legislation **140**, 1239.
Wainwright, Richard: On promotion, present and prospective **114**, 444.
Publicity: See: Publicity.
Recruits: See: Personnel.
Recruits and Recruiting: See: Recruits and Recruiting.
Regulations: Jones, N.L.: The New Navy Regulations (1912): **145**, 277.
Relative Strength of U.S. Navy (1916): **163**, 949.
Research Navy. W.D. Brinckloe **670**, 97.
Reserve Looks at Navy. D.O. Root **495**, 533.
Responsibility of Regular. M.W. Cagle **496**, 697.
Retirement and Pensions
See also: Promotion and Pay.
Draft of a bill (proposing changes in the navy). J. Hood **115**, 565.
How shall we induce our men to continue in the navy? A.C. Dillingham **132**, 1019.
Retrenchment vs. Pork Barrel **351**, 761. **353**, 1066.
Road Ahead. K.C. McIntosh **513**, 1283.
Role of U.S. Navy in Post-War World. W.D. Puleston **495**, 499.
Rotation, Ship **347**, 123.
Schools and Training: See: Aeronautics Schools and training, Education, Naval Academy, Naval War College.
Scientific Aspects **404**, 1459.
Scouting Force: Duty in Pacific **353**, 1068.
Secretary's Annual Report **395**, 145.
Selection Board
See also: U.S. Navy--Promotion and Pay.
Duties of the Board **166**, 1988.
Seventy-Five Years of Progressive Naval Thinking. W.H. Russell **548**, 1251.
Ship Names **349**, 457. **423**, 739. **429**, 1693. **431**, 88.
Ships or Shore Stations **355**, 1367.
Ship Strength **349**, 457, 476-83.
Shore Construction **357**, 1671.
Sixth Fleet: Beefed Up for a Bigger Job. W.H. Hessler **666**, 23.
Slide-Rule Formula for Post-War Navy. A. Halsey, Jr. **494**, 371.
Societies Friendly to. **346**, 1706.
Special Service Squadron: Flagship **347**, 123.
Steps in Organization and Training to Increase Efficiency of the Navy. A.C. Dillingham **193**, 317.
Struggle to Build a Great Navy. F. Duncan **712**, 82.
Studying the Navy's Future. M.W. Cagle **728**, 92.
Super-Navy. G. Schomstheimer **224**, 1550, 1559.
Supplies and Stores
See: Supplies; Naval Supplies and Stores.
Arms, F.T.: Hints on Purchasing **186**, 1753.
Conrad, Charles: On storekeeping at the navy yards **122**, 827.
Dyer, George P.: A general sales commissary system for the navy **122**, 579. An interesting storehouse (illus) **174**, 1713. Ship's general storekeeper (illus) **144**, 1405. Ship's store and its possibilities **119**, 1079.
Henry, S.M.: On storekeeping at the navy yards **122**, 816.
Hicks, T.H.: On the purchase system of the navy **118**, 703. On storekeeping at the navy yards **122**, 813.
McKean, J.S.: On storekeeping at the navy yards **122**, 815.
Mudd, J.A.: On the ship's store and its possibilities **120**, 1561. Purchase system of navy **117**, 95. Storekeeping at Navy Yards **121**, 1.
Potter, David: On the purchase system of the navy **118**, 705. On storekeeping at the navy yards **122**, 825.
Roberts, T.G.: On storekeeping at the navy yards **122**, 829.
Ruhm, T.F.: On the money for the navy **126**, 695.
Supply Corps: See: U.S. Navy--Pay Corps.
Target Practice: See: Target Practice, U.S.
Theodore Roosevelt and the Navy. A.M. Johnson **668**, 76.
This Naval Race? J.E. Hamilton **425**, 1013. **428**, 1496.
Traditions
See also: History; Naval Traditions and Customs.
American Navigators of the Colonial Periods and the Yankee Midshipmen. T.G. Ford **119**, 861.

United States Navy (Cont.)
Traditions (Cont.)
Correspondence regarding naval traditions. P.E. Alger **108**, 823.
Naval Administration under the Navy Commissioners, 1815-1842. Ports. **122**, 597.
Tradition of Offensive. W. Chamberlin **464**, 1375. **468**, 304.
What it means to be an officer in the U.S. Navy today. H.G. Washburn **178**, 2917.
Training: See: Naval Training.
Treaty Strength: Papers quoted re **352**, 917-18.
Tridens Infinitus. G.W. Anderson **726**, 22.
Uniforms
Changes in Uniform, June, 1919: **198**, 1439.
Government to Furnish Uniform at Cost (1919): **192**, 286.
A Khaki Uniform Needed for the Bluejacket Landing Force. B.N. McCandlish **146**, 597.
Naval Winter Clothing (1917): **176**, 2358.
Navy Uniform Changes, 1918: **187**, 2110.
On the Naval Profession. C.S. Stansworth **123**, 1281.
Uniform Differences Abolished (Aug. 1918): **188**, 2382.
See also: Uniforms.
The U.S. Navy at War **178**, 2968.
United States Navy at War (Final official report to Secretary of Navy). E.J. King **515**, 129.
United States Needs Larger Navy. E.G. Talbott **437**, 1009.
Vessels Building **201**, 1916. **202**, 2079. **203**, 121. **204**, 281. **205**, 449. **206**, 623. **207**, 763. **208**, 942. **209**, 1123. **210**, 1327. **211**, 1519. **212**, 1661. **213**, 1842. **214**, 2019. **215**, 101. **216**, 265. **217**, 423. **218**, 601. **219**, 753. **220**, 944. **221**, 1108. **222**, 1296. **223**, 1441. **224**, 1633. **225**, 1816. **226**, 1962. **227**, 116. **229**, 469. **230**, 658. **231**, 820. **232**, 1027. **233**, 1204. **234**, 1411. **235**, 1585. **238**, 2167. **242**, 684. **246**, 1348. **247**, 1513. **263**, 130. **267**, 829. **274**, 2370. **278**, 751. **280**, 1198. **282**, 1584. **284**, 2060. **301**, 235. **313**, 239. **317**, 630. **320**, 897. **324**, 147. **327**, 442, 448. **330**, 752. **333**, 1036. **335**, 111. **337**, 399. **338**, 536. **340**, 821. **342**, 1108. **344**, 1407. **345**, 1573. **347**, 112-14. **351**, 761. **352**, 919. **353**, 1067. **355**, 1366. **395**, 113. **398**, 577. **401**, 1046. **404**, 1491. **407**, 114. **410**, 571. **413**, 1032. **416**, 1493. **419**, 116. **427**, 1355. **430**, 1809. **437**, 1051. **442**, 1792. **447**, 731. **449**, 1065. **452**, 1523. **453**, 1679. **465**, 1665. **466**, 1777.
1902: **101**, 131. **102**, 371. **103**, 661. **104**, 978.
1903: **105**, 281. **106**, 490. **107**, 762. **108**, 986.
1904: **109**, 235. **110**, 452. **111**, 654. **112**, 875.
1905: **113**, 233. **114**, 518. **115**, 727. **116**, 1007.
1906: **117**, 354. **118**, 729. **119**, 1140. **120**, 1605.
1907: **121**, 416. **122**, 872. **123**, 1307. **124**, 1525.
1908: **125**, 347. **126**, 725. **127**, 1066. **128**, 1336.
1909: **129**, 299. **130**, 592. **131**, 977. **132**, 1297.
1910: **133**, 283. **134**, 619. **135**, 890. **136**, 1175.
1911: **137**, 308. **138**, 649. **139**, 1071. **140**, 1446.
1912: **141**, 337. **142**, 776. **143**, 1146. **144**, 1664.
1913: **145**, 392. **146**, 868. **147**, 1353. **148**, 1760.
1914: **149**, 240, 241. **150**, 486, 558, 559. **151**, 862. 864. **152**, 1213. **153**, 1503.
1915: **155**, 194. **156**, 542. **157**, 931. **158**, 1300. **159**, 1648. **160**, 2031.
1916: **161**, 241. **162**, 577. **163**, 944. **164**, 1284. **165**, 1638. **166**, 1980.
1917: **167**, 146. **168**, 381. **169**, 568. **170**, 783. **171**, 1025.
1919: **192**, 270. **193**, 438. **194**, 658. **195**, 819. **196**, 1041. **197**, 1253. **198**, 1428. **199**, 1624. **200**, 1782.
See also: U.S. Navy--Program; Names of vessels.
Vessels in Commission **347**, 124.
Vessels Decommissioned **347**, 123. **348**, 289.
Vessels Striken from List **348**, 289.
Vinson, C. re **350**, 580. **349**, 424.
Visitors (50,000) to Fleet **353**, 1068.
War College: See: Naval War College.
War Games (1932): **351**, 761.
Warrant and Petty Officers
See also: Discipline; Leave; Naval Personnel; U.S. Navy, subheads Discipline and Promotion and Pay.
Commissioned Chiefs **155**, 198.
Commissioning of 496 Warrant Officers (1917): **174**, 1841.
DeKay, E.C.: On the petty officer question **151**, 818.
Fullam, W.F.: Employment of petty officers in the navy **103**, 467.
Knox, D.W.: The petty officer question **148**, 1576.
New ratings in the Navy (1917): **177**, 2664.
Robinson, E.W.: The petty officer question **148**, 1571.
What Navy Costs and Who Pays for It. W.H. Gardiner **243**, 828.
What This War Means to U.S. Navy. F.G. Percival **466**, 1701.
Whether to Provide and Maintain a Navy (1787-1788). M. Smelser **655**, 944.
Will We Need Navy to Win? E.M. Eller **565**, 237. **574**, 1373.
Wilson, W. re **350**, 565. **351**, 762.
World Cruise of the Great White Fleet (Pict) **668**, 87.
United States--Navy Yards, Stations and Bases
Aero and Submarine Base at Port Angeles, Washington **174**, 1796.
American Navy Yards (1911): **139**, 1072.
Bakenhus, R.E.: The Transportation System of a Navy Yard **147**, 1057.
The Bases at Manila and Subic Bays **125**, 349.
Beach, E.L.: On "Navy Yard Problems." **143**, 1097.
Beehler, W.H.: The Navy and Coast Defense **130**, 343.
Cape May Naval Base **193**, 439.
Carlson, C.A.: On Navy Yard Economy **138**, 610.
Cluverius, W.T.: On navy yard manufacturing costs **148**, 1644.
Coburn, F.G.: Modern management applied to navy yards (illus) **171**, 955. On navy yard manufacturing costs **148**, 1642.
Conrad, Charles: Navy Yard Economy **137**, 1.
Cook, A.M.: Navy Yard Economy **138**, 602.
Davis, H.C.: Building Programs and Naval Bases **162**, 461.
Docking Facilities of the Pacific Coast **123**, 1310.
Ellsberg, Edward: Naval Strength in Naval Bases **147**, 975.
Fleet Base on Chesapeake Bay recommended (1917): **167**, 153.
Furer, J.A.: Equipment for Navy Yard Shops **163**, 825.
Gatewood, R.D.: Checking in; with special reference to shipyards (illus) **139**, 1019.
Gleaves, Albert: Cost of building a battleship in a navy yard **162**, 439.
Goodrich, C.F.: On navy yard manufacturing costs **148**, 1648.
Guarapo Island Naval Aviation Station **190**, 2817.
Harrington, C.A.: Navy yards as manufacturing establishments **144**, 1301. On "Navy Yard Problems." **144**, 1612. Saving Money for the Navy **147**, 1065.
Hoff, A.B.: On the money for the Navy **125**, 90. On navy yard economy **138**, 597.
Home, subsidiary and outlying bases. In Hood, John, Naval Policy **150**, 327.
Increased facilities for navy yard construction recommended (1917): **168**, 384.
Kearney, T.A.: The military-industrial organization of the navy **151**, 689.
Kinkaid, T.W.: On navy economy **138**, 609.
Kittelle, S.E.W.: On "Navy Yard Problems." **143**, 1097.
Management of Navy Yards **150**, 564.
Mitchell, W.G.: Navy Yards and the Fleet **150**, 371.
Moses, Stanford E.: On "Navy Yard Problems." **143**, 1101.
Mudd, J.A.: The Money for the Navy **125**, 47.
A Naval Base in Nicaragua? (1916): **165**, 1659.
Naval Bases for Defending Panama **162**, 619.
New Navy Yard on Pacific Coast Proposed (1917): **172**, 1254.
New Submarine Base at Panama (1917): **170**, 840.
New System of Yard Management (1914): **154**, 1814.
Otterson, J.E.: Navy Yard Problems **143**, 859. On "The military-industrial organization of the navy **152**, 1171.
Outlines of a proposed base organization. In Belknap, R.R. **159**, 1459.
Patton, J.B.: On "Navy Yard Problems." **143**, 1099.
Paullin, C.O.: Naval Administration, 1842-1861: **124**, 1435.
Reed, P.L.: On Navy Yard Economy **138**, 605.
Rousseau, H.H.: Notes on Navy Yard Development **101**, 55.
Scientific Management in the Navy **138**, 651.
Stockton, C.H.: On the navy and coast defense **130**, 380.
Tardy, W.B.: On navy yard manufacturing costs **148**, 1645.
$3,000,000 Fleet Operating Base at Hampton Roads (1917): **172**, 1335. **173**, 1509. **174**, 1794.
Vast U.S. Base on French Coast (1918): **190**, 2857.
Westervelt, G.C.: Minimum Navy Yard Manufacturing Costs **148**, 1619.
Williams, Dion: Defense of Our New Naval Stations **102**, 181.
Williams, Henry: Prepare the Navy Yards for War **169**, 463.
Yates, I.I.: Industrial Management in Navy Yards (illus) **162**, 525.
See also: Radio Stations; Names of yards, stations, and bases.
United States--Wars
Revolution
Maclay, E.S.: A sea view of our Revolution **137**, 219. Another sea

fight of the Revolution discovered (illus) **148**, 1461.
Paullin, Charles O.: Administration of the Continental Navy **115**, 625. Administration of the Massachusetts and Virginia Navies of the American Revolution **117**, 131. Classes of operations of the Continental Navy of the American Revolution **113**, 153. Conditions of the Continental Naval Service **118**, 585.
Barbary Wars
Calkins, C.G.: Decatur and Coleridge **127**, 917.
Paullin, C.O.: Services of Commo. John Rodgers in our wars with the Barbary corsairs **128**, 1141.
Rodgers, R.S.: Closing Events of our War with Tripoli, 1804-05: **127**, 889.
War of 1812: Paullin, C.O.: Services of Commo. John Rodgers in the War of 1812 (1812-1815): **130**, 473.
Civil War
See also: U.S. Naval History; European War--1914-1918.
Beard, W.E.: War and Aeronautics **178**, 2879.
Cushing, W.B.: War experience as told by himself **143**, 941.
Darrieus, G.: American Civil War **125**, 175.
Navy during Civil War: In Paullin, C.O.: Half century of naval administration **145**, 165.
Post, C.A.: Diary on the blockade in 1863: **188**, 2333. **189**, 2567.
Pratt, J.W.: Naval Operations on the Virginia Rivers in the Civil War **192**, 185.
Rodgers, W.L.: Study of Attacks on Fortified Harbors (maps) **112**, 709.
Sands, F.P.B.: Lieutenant R.H. Lamson **129**, 137.
Stewart, C.W.: William Barker Cushing **142**, 425. **143**, 913.
Woods, R.H.: Cruise of the Clarence-Tacony-Archer: A true tale of the Civil War **131**, 675.
Spanish War
See also: European War--1914-1918.
Could Admiral Sampson have taken Havana? **125**, 362.
Daveluy, R.: Conquest of territory overseas **127**, 999.
Goodrich, C.F.: Historical instances of scouting (map) **108**, 917.
Niblack, A.P.: Operations of Navy and Marine Corps in Philippines, 1898-1902: **112**, 745. Addendum, E.B. Barry **114**, 463. **115**, 698.
Paullin, C.O.: The Navy in the Spanish-American War **150**, 419. Spanish-American War in the Philippine Islands **141**, 87.
Portusach, Frank: Capture of Guam by USS Charleston **170**, 707.
Rodgers, W.L.: Campaign Against Santiago **113**, 103.
War between Spain and U.S.: In Darrieus, War on the Sea **125**, 203.
Washburn, H.C.: The war with Spain: a study of past performances **173**, 1391.
United States (U.S.) **408**, 166. **552**, 227.
See also: Cruise of the Neversink (OldNav); Farenholt, A. **128**, 1279.
American (colonial) Navigators. T.G. Ford **119**, 861.
Navy Unveils Speed of (Nbk) **793**, 159.
Salute to a Queen (Pict). F.O. Braynard **805**, 70.
"We Must Fight Her" (OldNav) **841**, 90.
United World Federalists, Inc. **579**, 505. **581**, 764. **585**, 1169. **589**, 322.
Unity (U.S.): See: Machias Liberty.
Unity of Command in Civil War. J.C. Thom **349**, 371.
Universal Drafting Machine. D.T. Hunter **234**, 1365.
Universal Military Service, Soviet. G. Grkovic **794**, 54.
Universal Military Training
See also: Compulsory Military Service; Conscription.
Compulsory Citizenship Training. H.S. Hulbert **171**, 985.
The Nation's Greatest Need. Dion Williams **171**, 891.
Plea for Universal Service. J.P. Jackson **168**, 295.
Question of. A.W. Rilling **774**, 65. C&D: **785**, 102.
Text of Chamberlain-Moseley Military Training Bill **170**, 805.
Trade Organizations in U.S. Favor Universal Military Training (1916): **165**, 1660.
Universal Military Training in Guam. R.C. Smith (illus) **187**, 1987.
U.S. General Staff Universal Service Bill, text **170**, 810.
Why Australia Accepts Compulsory Service **152**, 1197.
Universal National Service: National Strength Through National Service. J.D. Alden **797**, 68. **803**, 97.
Universal Signal Book, 1818. A.R. McCracken **372**, 230.
Universe Apollo (U.S.): Caption Correction **689**, 98.
Universities: Trial By Fire. B. Gibson **806**, 32.
University of California at Los Angeles: NROTC at UCLA--the Colors Still Fly. L.M. Kryske **826**, 18.
Unknown Ship (OldNav). B. Perlman **817**, 78.
Unmacht, G.F.: Flame Throwing Seabees **542**, 425.
Unpreparedness, Danger of. F.L. Oliver **509**, 763.
Unseaworthy, When Is a Vessel? (ProfNote). J.W. Giles **821**, 105.
Unsinn, O.F. **647**, 95. **679**, 104.
Economics of Sea Power (C&D) **766**, 133.
One Hundred Years of Naval Authors (C&D) **853**, 93.
Upham, F.B. **316**, 529. **349**, 453. **383**, 97.
Discipline **203**, 1.
Faithful in Death **255**, 813.
Leadership of Men **218**, 487.
Naval Personnel **332**, 902.
On the role of doctrine in naval warfare **156**, 364.
Philosophy of Loyalty **343**, 1157.
Them haly-con days **208**, 895.
Upon Assumption of Command. Anonymous **626**, 408.
Upshur, A.: Forgotten Prophet of Old Navy. D.W. Mitchell **562**, 1367.
Upshur, John H.: Notice of Death **173**, 1655.
Upshur, W.P.: U.S. Marine Corps Reserve **434**, 487.
Upshur (USS): Launched **186**, 1861.
Upson, R.H.: Navy's Tin Bubble (C&D) **755**, 114.
Upton, G.B.: Properties of oils and their relation to lubrication **186**, 1884.
Upton, J.F. **682**, 104. **686**, 116. **687**, 101.
Urbanczyk, L.T., Jr. **693**, 114. **706**, 108.
Urbank, F.G.: Stormy Winds Do Blow (anec) **798**, 41.
Urish, D.W.: To Build a Link--Seabees at Diego Garcia (ProfNote) **842**, 101.
Uriu, Sotokichi: See: Chemulpo, High Noon at.
Urschel, G.C., Jr.: Thoughts on Man's Purpose in Life (Rickover) (C&D) **866**, 84.
Uruguay **333**, 974. **334**, 1163.
Beauregard, A.T. **465**, 1553.
U.S. Navy in 1842, as Seen by a Britisher (OldNav). J.S. Buckingham **767**, 142.
U.S. Naval Oceanography...a look back. V.T. Miscoski **780**, 46.
U.S. Naval Weapons Laboratory, Dahlgren, Virginia (Pict) **788**, 89.
U.S. Schooner Yacht America (OldNav). J.C. Bruzek **775**, 159. C&D: **779**, 100.
U.S.-U.S.S.R.: Admirals Comment on Seapower (Nbk) **794**, 156.
USAFI Faces Impasse. D.H. Greene **515**, 35.
USCN **202**, 2061.
Usera, V.: Some Lessons of Spanish War **437**, 969.
Usilton, W.B.: Exercise Over (anec) **699**, 87.
U.S.S.R.: See: Russia.
Utah (USS) **333**, 1063. **339**, 632. **344**, 1416.
Description **135**, 893.
Illustration, with Florida and Oklahoma **172**, 1113.
Mural **444**, 305.
The Other Side of the Island: USS Utah at Pearl Harbor. M.S. Eldredge **886**, 52.
Ships of the U.S. Navy. R.W. Neeser **159**, 1623.
Utgoff, V.V. **611**, 91.
Future of the Navy **666**, 73.
Seaplane Assault **606**, 881.
Utility Tactical Transport Aircraft System
UTTAS: The Helicopter of the 1980s? (ProfNote): M. Lambert **884**, 128.
Utley, H.H.
Special Boats for Landing Operations **338**, 520. Reprint **848**, 88.
Utter, L.N. (BkRev) **793**, 113. **800**, 124.

V

V-1 (USS) **259**, 1540.
V-4 (USS) **304**, 499.
V-5 (USS) **331**, 853.
V-6 (USS) **326**, 339.
V-type submarines named **338**, 536.
VFAX Navy Combat Jet Planned (Nbk) **779**, 145.
VFX-1 Proposals, Navy Evaluates (Nbk) **786**, 160.
VSX Studies, Navy Awards Two (Nbk) **789**, 154.
Vacuum (SS): Torpedoed **172**, 1328.
Vacuum Tubes: See: Radio.
Vaeth, J.G. **644**, 1111. **692**, 120.
Book Review **868**, 92.
Co-author: See: John Huson.
Communications: A Lost Art? (C&D) **883**, 80.
Daughter of the Stars **847**, 61. **850**, 84, 85.
Dirigibles for Hemisphere Defense **557**, 753.
Naval Institute's Mission (C&D) **743**, 100. **748**, 117.
Navy's Airship Hangars (C&D) **765**, 132.
They Sailed the Skies (Pict) **792**, 90.
Utility Uses for Airships **541**, 297.
Synthetic Training for Economy and Readiness **610**, 1331.
When the Race for Space Began **726**, 68.
Valcour Island
Arnold's Retreat. L.H. Bolander **322**, 1060. **324**, 142.
Battle of Valcour Island
Gilligan, A.E. (OldNav) **776**, 157. **783**, 111.
Wreck of the Royal Savage Recovered. R.G. Skerrett **393**, 1646. **399**, 665.
Valentine, A.J.: R_x: Quarantine **723**, 38.
Valentine, Wilson **672**, 113. **682**, 103.
Valhalla (Eng.) **350**, 614.
Valier, L.A., Jr. **454**, 1833.
Valmy (FN) **326**, 341. **338**, 541.
Valor of Inexperience. H. Haislip **768**,

Valor of Inexperience (Cont.) 34.
Value of Engineering Competition. G.K. Weber **323**, 33. **326**, 335. **327**, 439.
Values
A Question of Values (C&D) **861**, 93.
Thoughts on Man's Purpose in Life... and Other Matters. H.G. Rickover **862**, 67. **866**, 84.
Valves
Drop through pump valves. B.R. Ware
Valves and Fittings in Marine Work **197**, 1260.
Vamarie (U.S. yacht) **407**, 145.
To Bermuda. R.W. McNitt **430**, 1741. **431**, 97.
Vanadium in Steel **206**, 634.
Van Arsdall, C.J., Jr.: Freedom of the Press or Treason? (Sanger) (C&D) **898**, 77.
VanArsdale, G.D.
Gun Systems? For Air Deense? (O'Neil) (C&D) **821**, 97.
This Way to the Egress (C&D) **769**, 109.
Van Auken, W.R. **327**, 435.
Dispersion and Accuracy of Fire **144**, 1610.
Sidelights on Goeben and Breslau **315**, 475.
Van Benschoten, A.: Success of Mission **531**, 529.
Van Boskerck, F.S.: The U.S. Coast Guard: Its military necessities **169**, 623.
Vance, R.M.: Throw a Nickel on the Grass (C&D) **844**, 89.
Vance, Roger P.: The First Federal Customs **877**, 46.
Van Cleave, W.R.: Nuclear Weapons Debate **759**, 26.
Van Cleve, J.C. **357**, 1689.
Complete Recruiter **357**, 1627.
Let's Look at Record **414**, 1122.
Vancouver, G.: Career of Captain. B. Anderson **427**, 1304.
Vancouver (Can. DD) **345**, 1573. **347**, 124.
Vandalia (U.S.) **391**, 1349. **408**, 224.
Cruise of, Under Commander Arthur Sinclair **49**, 347.
The Vandalia's Flag. W. Churchill **141**, 181.
Van de Carr, J.C.: T=C-W: **225**, 1763.
van de Griendt, G.J.: Should Military Unionization Be Permitted (Parnell) (C&D) **896**, 70.
Vandenbosch, A. **608**, 1138.
Vandegrift, A.A. **579**, 545.
Marine Corps in 1948: **540**, 135.
Vandergrift, Jacob, Jr. (BkRev) **778**, 129.
Vanderkloot, E.L. **430**, 1793. **431**, 97.
Backfire in Loyalty (anec) **537**, 1327.
What Price Life? (anec) **651**, 517.
Van der Meer, Jr. **654**, 895. **665**, 109. **668**, 106. **680**, 101.
van der Straaten, F.
In Perfect Agreement (anec) **629**, 783.
Lone Eagle (anec) **587**, 38.
Van der Verr, N.P.
Mining Operations in War **201**, 1857.
Navy Week in England **346**, 1736.
van Deurs, G. **626**, 459. **630**, 934. **648**, 212. **675**, 100.
At Home in Any Element (anec) **742**, 59.
A Commodore's Namesake **628**, 678.
USS Constellation Flare-up: Was It Mutiny? (Ryan) (C&D) **878**, 83.
The Cyclops Mystery (Nervig) (C&D) **803**, 93.
For Thirty Days, He'd Go Through It Again (anec) **760**, 67.
King of the Oceans (Sanders) (C&D) **868**, 82.
Mikasa: Japan's Memorial Battleship (Pict). (Powers) (C&D) **882**, 80.
Naval Pioneer on Puget Sound (OldNav) **657**, 1258.
The Navy and the Brodie (OldNav) **884**, 88.
Nobody Up Here But Us Birds (anec) **857**, 39.
Pete Mitscher and Armored Cruiser Aviation (OldNav) **801**, 152.
USS Porpoise and Ken Whiting (OldNav) **835**, 80.
Promise You Won't Tell? (anec) **844**, 41.
Repairs of the Swatara (OldNav) **639**, 569.
Segi Man **668**, 56.
Two-Block Fox **625**, 301.
Van Devender, J.A.: The Military Critic (Flammer) (C&D) **850**, 85.
Van Dusen, William: Amelia Earhart's Final Flight (Holbrook) (C&D) **825**, 94.
Van Duzer, L.S.
Professional Notes: Ships of War, Budgets and Personnel; Ammunition, Armor, Coaling Ship, Boilers, Communications, Construction, Gunpowder and Explosives; Guns, Guns Firing, Gun Mounts, Instruments used in Action, Small Arms, Torpedoes **97**, 151. **98**, 381. **99**, 587. **100**, 751.
The Van Duzer-Mason Electric Steering Gear **66**, 181.
Van Dyke, Henry, Prize **423**, 677.
Van Dyke, J.W. (SS) **283**, 1863.
Van Dyke Prize: See: Prize Essays.
Van Foreest, Jonkheer H.A.
The Carronade (Tucker) (C&D) **851**, 86.
Pecos Died Hard (Abernethy) (C&D) **810**, 103.
Van Galen (Neth DD) **336**, 257.
Vangeli, M.G.: Welding versus Riveting in New Construction **408**, 164, 248. **412**, 863.
Vanguard (HMS)
Explodes While at Anchor **174**, 1871. **175**, 2049.
Illustration **130**, 343.
Trials **133**, 273.
Van Gundy, A.C.: Long Way Around (anec) **647**, 68.
Van Heemskerk, Jacob: See: Frost, H.H. (Port.) **191**, 31.
Van Hooff, J.F.D.
"Circulez, Circulez à Droite!" (anec) **626**, 440.
To Each the "Victory" (anec) **751**, 71.
What Rock? (anec) **591**, 531.
Van Hook, C.E.: The Colt's automatic revolver and instruction of men in its use **142**, 677.
Van Horn, C.W.
Meteor Shower **347**, 147.
Star Identification by Sextant Angles **501**, 1349.
Van Horssen, D.A.
Good Reason to Be Thankful (anec) **689**, 73.
Royal Thai Navy **760**, 77.
Van Huben, L.C.: World War I: The Battleships That Didn't Fight (OldNav) **868**, 88.
Vanished Ships. C. Lathrop **377**, 949.
Van Leunen, Paul: Navy Tactical Data System (ProfNote) **680**, 128.
Van Meter, W.J., Jr.: Thoughts on Leaving Naval Service **367**, 1323.
Van Natter, F.M.: First Time Around **529**, 317.
Van Ness (Neth DD) **336**, 257.
Van Nostrand, A.D.: Minesweeping **518**, 505.
Vannutelli, L.
Concerning the tactical employment of torpedo-boats. Tr. by H.P. McIntosh **136**, 1101.
Employment of torpedo vessels in night search. Tr. by W.N. Jeffers **155**, 89.
Van Orden, G.: Development of Military Character **258**, 1249.
Van Orden, G.O.: New Horizons in Weapons (ProfNote) **692**, 139.
Van Orden, M.D.: Satellite Communications in the Navy (ProfNote) **771**, 142.
Van Patten, D. (joint author): See: Adamson, G.
Van Patten, H.T.: Slide Rule in Navigation **378**, 1104, 1143.
Van Rees, E.H.
Is That Roger...? (anec) **602**, 371.
Reflections of a Foreign Student **684**, 37.
van Rijn, W.J.E.: Should Military Unionization Be Permitted? (Parnell) (C&D) **897**, 75.
Van Riper, A.K.: By the Numbers (anec) **737**, 81.
Van Riper, G.A. **698**, 112. **701**, 99. **690**, 115.
Back-Down Approach (ProfNote) **682**, 128.
Van Saun, A.
Military Officer Bonus Pay (ProfNote) **806**, 123.
Separate but Equal Opportunity (NAMB) **870**, 92. **871**, 77.
Tactical ASW: Let's Fight Fire With Fire (ProfNote) **886**, 99. **889**, 80. **892**, 81. **896**, 68.
Van Sickle, J.R.: UCMJ on Trial (C&D) **734**, 115.
Van Slyke, J.C.
Norfolk: Lucrative Target? (Adams) (C&D) **866**, 87.
Surface Warfare Officers: The Need for Professionalism (C&D) **884**, 91.
Van Swearingen, E.K. **412**, 871.
Vulnerability of Airships to Airplane Attacks **403**, 1244. **406**, 1772.
Van Valkenburgh, Franklin: Easy method of getting Greenwich mean time **198**, 1343.
Van Weelderen, J.H.B. **413**, 1023. **416**, 1474. **424**, 885. **442**, 1778.
van Wely, R.: "There Is Nothing Like a Dame" (anec) **629**, 807.
Van Wyen, A.O.
Battle of Philippine Sea **576**, 157.
Book Review **759**, 131.
Vanzant, N.C.: The Beachcomber and the Beachhead **868**, 64. **877**, 127.
Vargas, G. (Pres. Brazil) **334**, 1155. **335**, 130.
Variag (Rus.): See: Chemulpo, High Noon at.
Varley, E.R.: By Yon Bonnie Banks (anec) **732**, 35.
Varner, H.C.
Dial M for Murder (anec) **631**, 1003.
Long Hop (anec) **620**, 1130.
Varnishes: See: Paint.
Vasey, L.R. **702**, 117.
Command of the Polaris Submarine (ProfNote) **679**, 122.
Joint author: See: Church, A.T., Jr.
Vasquez, H. (Pres. Santo Domingo) **326**, 358.
Vaterland (Ger.): See: Leviathan (U.S.).
Vaterland (SS) **215**, 123.
Illustration **172**, 1292.
Vauban (FN) **331**, 857. **338**, 541.
Magazine Explosion **136**, 931.
Vaughan, J.A.: Retirees--Forgotten Men (Beard) (C&D) **851**, 87.
Vaughan, T.J., Jr.: Defensive Seamanship (Byington) (C&D) **872**, 87.
Vaught, W.C.: U.S. Coast Guard: Where Do We Go From Here? (White) (C&D) **808**, 106.
Vauquelin (Fr.) **350**, 616. **357**, 1675.
Vautour (Fr.) **342**, 1110. **347**, 126. **350**, 616. **351**, 768. **352**, 925. **354**, 1224.
Vecchi, S.E.: Political Activity and the Naval Service **760**, 84. **765**, 127.
Vecchione, F.S.: Escort Ship--Challenge to the Shiphandler (C&D) **778**, 110.
Veigele, W.J.
The Encircling Sea (Clark) (C&D) **799**, 117.

Great Carrier Debate (C&D) **850**, 88.
Naval Reserve Officer, Postgraduate Dilemma (C&D) **803**, 94.
Research Reserve, Neglected Resource **798**, 82.
Veintecinco de Maya (Arg. cruiser) **337**, 403.
Vejtasa, S.W. (BkRev) **747**, 128.
Vella Gulf, Battle of. V.A. Sherman **503**, 61.
Velocities and Pressures in Guns. J.H. Glennon **45**, 395.
Velocity of Light. E.W. Thomson **323**, 42.
Velox (HMS): Description **101**, 114.
Velz, R.A.: Wanted--Naval Officers and Their Families **611**, 71.
Venable, George R.: Providing Food for Officers' Messes **174**, 1745.
Venditto, C.R.: A Bit of All Right, Sir! (anec) **723**, 57.
Venereal Disease: Matter of Involvement (ProfNote). W.P. Thomas **818**, 104.
Venetian Fleet of 1365, Orders and Signals. L. Fincati. S.B. Luce **71**, 541.
Venezuela
Battle of Ciudad-Bolivar and the end of the revolution in Venezuela. M. St. C. Ellis **111**, 679.
Maracaibo, Henry Morgan at, 1669: **426**, 1236.
Venezuela. A.T. Beauregard **466**, 1684.
Vengeance (HMS) **229**, 464.
Vanizelos, E. **212**, 1703. **308**, 929.
Ventilation
Air Supply to Boiler Rooms **185**, 1602.
British Magazine Ventilation, 1907: **123**, 1302, 1314.
Cooling Magazines in British Navy **125**, 357.
Maintaining Even Temperature in Magazines **109**, 239.
Precautions for the Safety of Ship's Magazines **141**, 353.
Recent Advances in Atmospheric Hygiene in Navy. E.E. Metcalfe **545**, 877.
Ship, in 1741. A.M. Charlton **265**, 437.
Turbo-fan for Ships **134**, 532.
Ventilation and Drainage of State Rooms. S. Potts **20**, 247.
Ventilation of Modern Battleships. R.D. Gatewood and C.M. Oman **147**, 993.
Ventilation of Ships (Sup.) G.W. Baird **13**, 237. **14**, 348.
Venzke, N.C.
The Coast Guard Approaching the Century's End (How) (C&D) **865**, 78.
The Polar Icebreakers: In a Class by Themselves (ProfNote) **875**, 91. **885**, 79.
Powering the New Navy: Marine Gas Turbines (Tighe) (C&D) **869**, 80.
Vera Cruz Expedition, 1914
Handling Refugees. L.A. Cotten (illus) **169**, 473.
Sickness at Vera Cruz **152**, 1258.
Ten Days at. P.B. Ryan **832**, 64. **840**, 88.
Tragic days of Vera Cruz: first published account of the seizure of Vera Cruz by...Rear Admiral Fletcher **151**, 741.
Veragua (SS) **353**, 1082. **355**, 1380. **356**, 1530.
Verdi, J.M.
Daughter of the Stars (Vaeth) (C&D) **850**, 85.
To the Limit of Our Vision--and Back (Cushman) (C&D) **859**, 92.
Verdin, J.B., and J.M. Cameron: New World's Speed Record **621**, 1201.
Verdun (FN) **318**, 722. **321**, 993. **338**, 541.
Verhoog, P.: Columbus Landed on Caicos **620**, 1101. **627**, 585, 586.
Veribus Unitis (Aus. battleship)
Description **143**, 1107.
Description, illustration; plans **146**, 837.
Illustration **144**, 1623.
Launched; description **138**, 623. **139**, 1039.
Sunk by Italians **190**, 2875.
Trials; description **144**, 1621.
Verite (Fr. battleship)
Launched; description **123**, 1290.
Trials **125**, 333.
Vermont (USS) **277**, 464. **428**, 1429.
Description **107**, 762.
Shaft Accident **150**, 574.
Ships of the U.S. Navy. R.W. Neeser (illus) **161**, 153.
Vernam, C.C.: Training and Education--Subspecialty: A Reality (ProfNote) **853**, 114.
Vernon, E.
Flagship Burford **340**, 738.
Old Grog **343**, 1193. **385**, 377. **600**, 237.
Vernon, Hon. G.: TAS School "Vernon" **667**, 107.
Vernon (HMS) **346**, 1723.
Vernor, W.H., Jr.: Standby Squadron **593**, 729.
Verrier, Anthony: Bomber Navigation--The Blind Leading the Blind (Emmott) (C&D) **798**, 115.
Versailles Treaty **201**, 1941. **202**, 2108. **204**, 311.
American Delegates to Versailles **191**, 154.
China Refuses to Sign **198**, 1464.
The Fiume Question **196**, 1073.
German Protests Against the Treaty Terms **196**, 1069.
Italian delegates quit conference, returning in time for presentation of treaty **196**, 1074.
Main Terms of the Treaty **196**, 1066.
The Naval Terms of the Versailles Treaty **195**, 817.
Ratification Ceremony **198**, 1464.
Russian Factions Invited to Confer **193**, 474.
The Treaty Fight in the U.S. **200**, 1812.
The Treaty "Leak" in the U.S. **197**, 1274.
The Versailles Conference Opening, and Aims of the Powers **192**, 288.
What the Treaty Leaves to Germany **196**, 1068.
Vertical Frontier, Challenge of the. C.C. Shaw **662**, 48.
Vertical Launch Systems
Vertical Missile Launchers. R.P. Rempt (ProfNote)
Part I: **896**, 86.
Part II: **898**, 105.
Vertical Replenishment and the UH-46A (C&D) **770**, 115.
Vertical Short Take-off and Landing Planes
The Transition to V/STOL. J.L. Holloway, III: **895**, 18.
XV-6A Carrier Suitability Testing (ProfNote). J.J. Mulquin **770**, 135.
Vertical Take-off and Landing
Of CVAs and VTOLs (ProfNote). T.G. Martine **809**, 122.
Perspective On Sea-Based VTOL (ProfNote). W.V. Whidden **813**, 95. **827**, 93.
V/STOL Jet in Tri-Service Test (Nbk) **761**, 156.
Wondrous World of Jet V/STOL. G.G. O'Rourke **837**, 33.
Very, E.C.
The Development of Rifled Ordnance **3**, 25.
The Howell Automobile Torpedo **54**, 333.
The Type of (I) Armored Vessel, (II) Cruiser, best suited to the Present Needs of the United States. Prize Essay, 1881: **15**, 43.
Very, E.W.
The Annapolis Armor Test **56**, 619.
Armor, Development of, for Naval Use (200 pages) **25**, 349.
High-powered Guns: A Study **20**, 233.
Very, S.W.: Correspondence regarding spelling of name of Admiral Rojestvensky **117**, 324.
Very Large Crude Oil Carriers (VLCCs): Offshore Tanker Terminals. B. Frankel **841**, 56.
Vessel Locator System: USMER: Following the U.S. "Flags" (ProfNote). R.E. Johe **886**, 102.
Vessel Traffic System (VTS)
Collisions and Groundings: Preventing the Preventable. R.C. Hill **862**, 42.
A View from the Bridge. F.C. Seitz **866**, 24. **870**, 83.
Vessels Building: See: Navies, and Navy under countries.
Vessels
Performance Curves of War Vessels. C.M. McCormick **65**, 122.
U.S. Navy: Number, Size, Type, Rig and Cost. R.M. Barger **38**, 417.
Vestale (Fr.) **354**, 1224.
Vestris (SS) **319**, 811.
Vesuvius (USS) **334**, 1095. **625**, 334.
Black Sheep of White Squadron. S.C. Stunz, Jr. **455**, 36.
Goes Aground **183**, 1136.
Kennon, J.W. **612**, 183.
The USS Vesuvius, with special reference to her Pneumatic Battery. Prize Essay, 1894. S. Schroeder **69**, 1.
Veteran (Eng.) **347**, 125.
Veterans on the Campus (C&D). G.T. Atwood **804**, 97.
Viatka (Rus.) **451**, 1325.
Viceroy of India (SS) **328**, 549.
Vicker, M.: PC Attacks **498**, 991.
Vickery, C.H., Jr. (photog): USS Enterprise (CVN-65) from Golden Gate Bridge--June 1977 cover.
Vickery, H.L. **414**, 1173.
Philippine Independence from Economic Standpoint **374**, 481.
Vickery, J.L.: Cost of Living (C&D) **868**, 81.
Vicksburg (Confed.) and Queen of the West (U.S.) **417**, 1586.
Vicksburg (USS) **335**, 110.
Captures German Sea Raider. L.J. Gulliver **470**, 534.
Victor, A.H., Jr.: Military Aid and Comfort to Dictatorships **793**, 42. **799**, 113, 115. **801**, 113.
Victor Hugo (Fr. cruiser): Launched; description **110**, 430.
Victoria (Br.)
See also: Martin, D.E.: "Leave It at Six Cables".
The Loss of the. **68**, 511.
Tryon and Victoria. R.E. Bassler **379**, 1270.
Victoria (Br.) and Camperdown. Frank Lipscomb **659**, 53.
Victoria (It. motor ship) **344**, 1418.
Victoria Cross: Publication of "mystery awards." **193**, 433.
Victorious (GtBr) **851**, 45.
Victory (HMS) **230**, 655.
Victory
In War and Peace. P.M. Stanford **470**, 481.
Price of. I. Olch **539**, 17.
Victory to the Stronger. R. Hargreaves **794**, 74.
Victory Ships: A Time for Victories. J.A. Culver **888**, 50. **895**, 87.
Victuals, Vitamins, and Victory. J.H. Skillman **345**, 1522. **350**, 592.
Videla, H.C.: Chile's Strait of Magellan--Alive Again With Ships (C&D) **847**, 90.
Vidger, L.P.: Important Considerations in Borrowing and Lending on Real Estate (ProfNote) **802**, 144.

Vielle, P., and Liouville, R.
Incluence of velocity on the law of deformation of metals. Tr. by P.R. Alger **136**, 985.
Measuring the resistance of metals to rapid deformations. Tr. by P.R. Alger **136**, 987.
Vienne (Fr. transport): Lost **109**, 214.
Vieira, Edwin, Jr.: Career Officer as Existential Hero (Deininger) (C&D) **823**, 96.
Viet Cong
Dust and Mud and the. D.L. Browne **811**, 52.
Viet Cong Medicine (Nbk) **760**, 162.
Vietnam
An Absence of Accountability. R.L. Beavers **875**, 18. **878**, 81.
Air Control Controversy in Vietnam (Nbk) **786**, 152.
Air Defense for the Mining of Haiphong (ProfNote). A.M. Osborne **859**, 113.
After Vietnam. R.E. Williams, Jr. **806**, 18. **813**, 87.
Aids to Navigation in Vietnam (ProfNote). J.L. Linnon **814**, 99.
America's Best Weapon (C&D). R.H. Rodgers **751**, 106. **756**, 110.
Amphibious Forces: The Turning Point. E.J. Miller and W.D. Toole, Jr. **861**, 26.
Armor Afloat in Vietnam (ProfNote). R.M. Winter **789**, 132.
Army Aviation in Vietnam (ProfNote). R.J. Rogers **793**, 137.
Beans and Bullets For Sea Lords (ProfNote). R.C. Powers **814**, 95.
Bloodless Weapon. D.P. Wyckoff **799**, 60. **803**, 93. **805**, 96.
Bombing Shaken Off by Hanoi (Nbk) **765**, 166.
Bombings Said to Toughen Vietcong (Nbk) **765**, 168.
Carrier Air and Vietnam--An Assessment. A.H. Vito, Jr. **776**, 66.
A Chain of Ships (Pict). E.F. Oliver **801**, 92.
Civic Action--NSA, DaNang Style (ProfNote). J.V. Cricchi **805**, 118.
Civil Engineers, Seabees, and Bases in (NavRev). C.J. Merdinger **807**, 254.
Confidence in the Sea. G.F. Eliot **759**, 64.
Delta Med, A Fitting Memorial. F.M. Burkle, Jr. **813**, 35.
Deputies of Zeus: Morality and the Vietnam War. A.L. Wermuth **858**, 26. **861**, 92. **862**, 84.
Distant Rampart. H.W. Rood **769**, 30.
Doctors and Dentists, Nurses and Corpsmen in Vietnam (NavRev). F.O. McClendon, Jr. **807**, 276.
Don't Envy the Enemy. A.J. Clapp **765**, 49. **768**, 113, 114.
Eight-Inch Gun Cruiser (ProfNote). R.F. Rockwell **803**, 119. **808**, 109.
General Taylor Proposes Mining Haiphong (Nbk) **759**, 158.
Geneva Conventions--Broken Rules. W.J. Landen **840**, 34.
Guide to Reading on Vietnam. L.A. Humphreys and Janet Colson **774**, 113.
Hanoi Missiles Are Called Failure (Nbk) **756**, 141.
Hanoi Tonight (ProfNote). W.S. Graves **797**, 136.
Harbor Defense in Vietnam (ProfNote). R.G. Bachmann **787**, 136.
Hawks and Doves. G.S. Hodgson **771**, 30. **780**, 108.
Justice in the Battle Zone. J.E. Toms **796**, 52.
Largest Maritime Police Beat in the World (ProfNote). E.F. Oliver **806**, 120.
Lesson of Vietnam. J.E. Greenbacker **845**, 18. **850**, 83. **851**, 73.
Linebacker Strike. R.C. Powers **858**, 46. **862**, 76. C&D: **866**, 85. **871**, 79. **874**, 72.
Marine Aviation in Vietnam, 1962-70 (NavRev). K.B. McCutcheon **819**, 122.
Marine Corps Operations in Vietnam (NavRev). E.H. Simmons
1968: **807**, 290.
1969-1972: **843**, 196. **851**, 75.
Maritime Support of the Campaign in I Corps (NavRev). F.C. Collins, Jr. **819**, 156.
MARKET TIME Mother Ship (ProfNote). W.R. Harris **766**, 148.
Minesweeping on the Long Tao River (Pict). G.R. Kolbenschlag. J.A. Johnston and R.E. Woods, Jr. (photog) **772**, 88.
Mobile Riverine Force
Pictorial. Dan Dodd (photog) **796**, 80. **801**, 115, 116. C&D: **805**, 98.
ProfNote. Dan Dagle **791**, 126.
Naval Advisor, Vietnam. A.P. Slaff **794**, 38. **799**, 102.
Naval Air Reservists' Airlift to Vietnam (ProfNote). M.L. Levy **779**, 127.
Naval Gunfire Support (C&D) **785**, 95.
Naval Gun in Vietnam (ProfNote). W.J. Stewart **770**, 132.
Naval War in Vietnam, 1950-1970 (NavRev). R.L. Schreadley **819**, 180.
Navy Guards Defenseless Merchant Vessels (Nbk) **773**, 146.
Navy Gunship Helicopters in the Mekong (Pict) **783**, 91.
Navy Hydrography in Vietnam (ProfNote). A.E. Craig **786**, 136.
Newsman in Vietnam. Ralph Blanchard **792**, 50. **796**, 115. **800**, 110. C&D: **809**, 106.
New War in Vietnam. B.F. Denno **757**, 70.
The Next War: A Prescription. Ben Eiseman **863**, 32.
NILO--Naval Intelligence Officer in Vietnam (ProfNote). R.W.A. Seagreaves **790**, 145.
No More Vietnams? W.L. Beaulac **837**, 18.
"Nothing to Report," A Day on the Vam Co Tay. R.L. Schreadley **814**, 23.
Operation End Sweep. Brian McCauley **853**, 18. **857**, 88.
Operation Sea Dragon (Pict). R.D. Moeser (photog) **776**, 84.
Pao Chia: Social Control in China and Vietnam. F.L. Singer **753**, 36.
P.O.W. Treatment: Principles Versus Propaganda. J.H. Chafee **821**, 14. **833**, 102.
Psychological Operations in Vietnam (ProfNote). V.G. Reiling, Jr., and G.W. Scott **785**, 122.
Recording Naval History in Vietnam (ProfNote). J.H. Robinson **799**, 144.
River Patrol Relearned (NavRev). S.A. Swarztrauber **807**, 120. **814**, 83. **820**, 94.
River Power (ProfNote). T.R.M. Emery **810**, 117.
Rung Sat Special Zone, Vietnam's Mekong Delta (ProfNote). A.C. Smith, Jr. **782**, 116.
Saigon--The Navy Reported Today... (ProfNote). H.E. Padgett and J.A. Garrow **794**, 132.
Seabees at Dong Xoai. W.D. Middleton **827**, 30.
Seabees In Vietnam. W.D. Middleton **774**, 54.
Sea Lords. R.L. Schreadley **810**, 22. **816**, 87. **817**, 92.
"Seawolf" Helo Pilots of Vietnam (ProfNote). A.E. Wesleskey **783**, 128.
Shu-Fly Diary. A.J. Clapp **728**, 42.
Skimmer Ops. J.F. Ebersole **857**, 40. **862**, 88.
Small Boats Widen Meking Patrols (Nbk) **788**, 155.
Stingray '70. F.J. West, Jr. **801**, 26. **806**, 101.
Task Force 77 in Action Off Vietnam (NavRev). M.W. Cagle **831**, 66. **835**, 90.
Teaming Up to Build a Nation. A.N. Olsen **800**, 34.
Television and the War: The Small Picture. K.C. Jacobsen **865**, 54. **868**, 82. **869**, 80.
Trawler! C.R. Stephan **787**, 60. **791**, 101.
U.S. May Send Repair Ship to Viet Nam (Nbk) **723**, 160.
United States to Construct Vietnam Barrier (Nbk) **778**, 148.
Vietnam...A New Type of War? M.E. Geneste **783**, 66.
Vietnamese Naval Academy. R.L. Madouse **793**, 48.
Vietnamese Naval Forces: Origin of the Species. V.J. Croizat **840**, 48.
Vietnamese Refugees: The Hand of Hope. P.L. Townsend **883**, 38.
Vietnam POWs: Operation Homecoming. J.H. Fellowes **885**, 30.
Vietnam Rebuttal (C&D) **802**, 117.
Vietnam Sea Lift: Ships of the National Defense Reserve Fleet Sail Again (ProfNote). T.A. King **786**, 139.
Vietnam Turnover, June Is Target Date for Navy (Nbk) **805**, 123.
View From FMF Pac of Logistics in the Western Pacific, 1965-1971 (NavRev). J.B. Soper **831**, 222.
Welcome to the War. R.D. Heinl, Jr. **793**, 58. **797**, 119, 120. **798**, 111.
Winnable War? W.P. Hughes, Jr. **893**, 60. **896**, 65. **897**, 84.
Vietnam--Navy **819**, 193.
AcToV--U.S. Navy's Accelerated Turnover Program (ProfNote). J.M. White **804**, 112.
Operation Helping Hand (ProfNote). J.A. Martin **812**, 99.
River Patrol Boats to Be Given to (Nbk) **814**, 101.
Role of the Junk Fleet Advisor in Base Defense (ProfNote). R.F. Brown **788**, 128. **793**, 100. **794**, 119. **798**, 118.
Vietnamese Navy Using Cement Boats (Nbk) **803**, 133.
Vieweg, W.V.R., and D.A. Lee: CHD--The Heart of Military Readiness **844**, 49. **850**, 90.
Vigilancia (SS): Torpedoed **171**, 1093.
Vigilant (tug): Some Men Ask No Odds. F.M. Curran **440**, 1428.
Vigneaux, M. (co-author): See: R.H. Charlier.
Vikings: Discovery of North America. J.H.L. Chambers, Jr. **599**, 65. **601**, 317.
Viking Ships
Oslo Viking Ship Hall. B. Livingston **448**, 828.
Vikings. W.L. Rodgers **448**, 829.
Viknor (SS): Loss of the. **156**, 649.
Villar, G.R.
Amphibious Warfare Forces in Europe and the Soviet Union (ProfNote) **897**, 112.
The Royal Navy: Another Philosophy (ProfNote) **889**, 103.
Villarejo, O.M. (BkRev) **896**, 80.
Ville de Lille (SS): Loss of the. **156**, 651.
Ville de Paris (Fr. model) **327**, 472.
Villeneuve, Louis S., marquis: Portrait **185**, 1465.
Villeneuve, P.C.J.B.S. de **424**, 874.
Villeroi, M.B. de: See: Alligator (U.S.).

Villiers, Alan: "It Was a Nice Skill" Handling the Square-rigger Ship **762**, 80.
Villiers, G. **662**, 107. **665**, 111.
Devotion to Duty Above All (anec) **668**, 82.
Vincennes (U.S.) **428**, 1428. **440**, 1452. **473**, 967.
Circumnavigates the Globe (1826-30): **134**, 455.
Cruise of Commander J.H. Aulic, 1835. C.O. Paullin **135**, 725.
Expedition to Wilkes Land **134**, 465.
First Time Around. F.M. Van Natter **529**, 317.
Illustrations **115**, 556, 558.
Voyage to Japan, 1846: **137**, 239.
World Traveler of Old Navy. L.H. Bolander **400**, 825.
Vincent, B.W.: Ali Baba and Forty Thieves (anec) **574**, 1363.
Vincent, S.A.: Latitude and longitude from simultaneous observation of altitude, azimuth and time **309**, 993. **315**, 445.
Vinci, Vin: Mk 86 Gunfire Control System (ProfNote) **894**, 92.
Vindex (Eng.) **338**, 550. **348**, 210.
Vindictive (Eng.) **317**, 573. **354**, 1221.
Illustrations showing damage received at Zeebrugge **184**, 1376, 1377.
Sunk at Ostend **184**, 1380.
Vinson, C. **359**, 126.
See also: U.S. Navy.
Vinson Hall--A Friend in Need. Arleigh Burke **840**, 4.
Vinson-Trammell Act of 1934: Genesis of the Modern U.S. Navy. C.F. Elliott **757**, 62. **761**, 120, 121.
Violence and Unrest
USS Constellation Flare-up: Was It Mutiny? P.B. Ryan **875**, 46. **878**, 83.
Equality or Preference (C&D) **841**, 101.
Hill Unit Cites Permissiveness in Incidents on Navy Carriers (Nbk) **842**, 116.
Viper (Br. destroyer): Photo **133**, 217.
Viray, W.D.
Philippine Navy (Pict) **669**, 93.
Seapower for the Defense of the Philippines **701**, 60.
Virden, F.: Naval War College Today **602**, 365.
Virden, F.S.: Combat Stevedores (ProfNote) **835**, 106.
Virden, J.M. **689**, 95.
Virgin Islands: See: West Indies.
Looking Back at Turbulent Virgins. C.S. Baker **391**, 1260.
St. Thomas. Isaiah Olch **370**, 1734.
Snowstorms in the Tropics. C.A. Phillips **414**, 1141.
Virginia
Alexandria Torpedo Station **204**, 283.
Langley Field Seaplane Channel **344**, 1423.
Mount Vernon **287**, 134.
Norfolk Navy Yard **207**, 713.
Quantico Marine Base **205**, 457. **309**, 969.
Virginia Military Institute: Old French Bronze Guns at the Va. Mil. Inst. and at the Naval Academy (illus) E.L. Beach **121**, 187.
Yorktown: See: Yorktown, Virginia.
Virginia Capes, Battle of, 1781. R. Weed **446**, 524.
Virginia (U.S.): See: Old Navy, Page from.
Virginia (USS) BB-13: **250**, 1987. **277**, 464. **428**, 1430.
Makes World's Record Coaling Ship (1908): **127**, 1090.
1812: See: Farenholt, A. **128**, 1279.
Virginia (CSS)
See also: Merrimac (CSS); **341**, 877.
Virginia (CSS) and Cumberland (U.S.): See: Cover Pictures--April 1954.
Virginia (USS) (CGN-38)
Pictorial. Robert de Gast **894**, 95.
ProfNote. G.W. Davis, Jr. **894**, 85.
The Virginia's Combat System Department (ProfNote). G.N. Maddox **894**, 90.
Virginius Affair
See also: Stewart, C.W. **143**, 913.
Underwood, E.B. **263**, 83.
Viribus Unitis (Aust. BB) **310**, 1035. **315**, 476. **316**, 570.
Viribus Unitis (Austro-Hung.) **414**, 1091.
Viscaya (Sp. cruiser) **335**, 70.
Viscosity of Oil **230**, 672.
Visibility
Concerning Visibility of Objects at Night at Sea
Cluverius, W.T. **131**, 948.
Eggert, E.F. **131**, 949.
Visibility of Objects. W.C. Tyler **132**, 1260.
Visibility of Objects on a Clear, Dark Night at Sea. R. Stone **130**, 563.
Visible Air Whistle **265**, 486.
Vision: Shooting Spectacles **158**, 1317.
Visit and Search
Search at Sea. J.R. Jellicoe **164**, 1378.
Right of Visit and Search. W.C. Watts **183**, 973.
Should submarines cause alteration in the principles of visit and search? **166**, 2079.
Visual Landing Aid System: L.S.O. G.J. Borden **808**, 42.
Vito, A.H., Jr. **721**, 108, 109. **722**, 121.
Attack Carrier--Mobile Might **699**, 37.
Book Review **768**, 123.
Carrier Air and Vietnam--An Assessment **776**, 66.
Developing the Fleet's Aircraft **763**, 69.
Lone Carrier--Fact or Fancy? **710**, 50.
Simulators in Flight Training: A Pilot's View (Wheal) (C&D) **889**, 84.
Vittoria (HMS) **201**, 1910.
Vittorio Emanuele III (It. battleship)
Description **117**, 231.
Launched **112**, 866.
Vittorio Veneto (It.): See: Ubaldo Garagnani.
Vivell, A.E. **588**, 209.
Viviani, R. **219**, 798.
Vixen (USS): See: Farenholt, A. **128**, 1279.
Vizcaya (Sp.) **415**, 1239.
Vladivostok: U.S. Marines Landed, March 1918: **183**, 1159.
Vocational Schools and United States Navy. G.W. Dyson **551**, 73. **580**, 657.
Voge, R.G.: Too Much Accuracy **565**, 257. **567**, 557.
Vogel, B. **561**, 1297. **573**, 1264.
Diplomatic Prelu e to Pearl Harbor **554**, 415.
Great Strangling of Japan **537**, 1305.
Japan's Homeland Aerial Defense **540**, 175.
Japan's Wartime Hocus-Pocus **542**, 417.
Military Lessons Learned and Not Learned **544**, 723.
Reply to Extemists **531**, 545.
Some Notes on Japan **519**, 705.
Truk--South Sea Mystery Base **548**, 1269.
Who Were Kamikaze? **533**, 833. **536**, 1240.
Vogel, H.D. **658**, 1348.
Book Review **844**, 99.
Vogel, R.W. **496**, 706.
Vogelgesang, C.T.
Logistics: Its bearing upon the art of war **145**, 63.
On the role of doctrine in naval warfare **156**, 361.
Vogler, W.V. **769**, 113.
Printing in the U.S. Navy (ProfNote) **765**, 154.
Voice Pipes **131**, 769.
Value of, for fire control communication. E. Snow (illus) **173**, 1417.
Voitoux, G. **341**, 964.
Book Review **327**, 469.
New Weapons and Old **248**, 1635.
Some Light About Goeben's Escape **230**, 531.
Vojkov, P.: Assassinated **294**, 897.
Volga-Don Canal, Significance of. R.S. Hibbs **640**, 627.
Voltage, Electric **214**, 2033. **283**, 1867.
Voltaire (Fr. battleship): Launched; description **129**, 289.
Volumes, Formulae for: See: Areas and Volumes, Formulae for.
Voluntary Military Service
All-Volunteer Army: Too High a Price? R.H. Kohn **853**, 35. **857**, 93. **858**, 92. **863**, 76, 77. **868**, 80.
All-Volunteer Force: Why Not? T.D. Kelley **829**, 37.
Could We End the Draft Now? C.W. Tarr **832**, 58.
Disciplining the All-Volunteer Force. J. Webster **861**, 33. **865**, 77, 78.
Last Muster for the Citizens' Army? P.J. Katauskas **828**, 61. **840**, 97.
National Strength Through National Service. J.D. Alden **797**, 68. **803**, 97.
Objective Was a Volunteer Army. J. Alger **804**, 62. **809**, 107. **815**, 87.
Upgrading the All-Volunteer Force (C&D) **835**, 92.
Vital Interests and Volunteer Forces. L.P. Brooks **815**, 18. **824**, 91.
Volunteer Army vs. the Draft (Nbk) **797**, 156.
Volunteer Navy in the Civil War. O.W. Farenholt **200**, 1691.
Volunteer (Eng.) **350**, 614.
Von Berchem, B. **359**, 147. **361**, 421. **362**, 570. **363**, 729. **365**, 1047, 1090. **367**, 1337. **370**, 1828. **371**, 105.
Austrian Navy in Escape of Goeben and Breslau **351**, 701, 795. **357**, 1647.
Capitulation of Montenegro **355**, 1307.
German Oesel Expedition **370**, 1720.
Kiel, 1918: **361**, 999.
Scapa Flow **357**, 1583.
von Bonin, S.: Just an Engineer at Heart (anec) **776**, 75.
Von der Porten, E.P.: Our First New England **694**, 62.
Von der Tann (Ger. cruiser)
Description **134**, 601.
Engine-room arrangement **133**, 271.
Illustration **134**, 600.
Launched; description **130**, 577. **131**, 958.
Ventilation of. **135**, 865.
World's Fastest Cruiser **136**, 1157.
von Diederichs, Otto: See: George Dewey.
Cold War Between von Diederichs and Dewey in Manila Bay. J.M. Ellicott **633**, 1236.
von Doenhoff, R.A.
Biddle, Perry, and Japan **765**, 78.
Book Review **786**, 120.
Nuremberg in Perspective (C&D) **841**, 104. **846**, 98.
von Forstner, S.P.L.: "Stay Tough". J.M. Waters, Jr. **766**, 95.
Von Galen (Dutch DD) **321**, 993.
Von Gosseln, J.: Sinking of Sydney **601**, 251.
von Handel-Mazzetti, P.F. **617**, 809.
von Ingenohl, Adm.: Apologia **243**, 862.
Von Koblinski, G.
Conquest of Baltic Islands **353**, 971. **358**, 1798.
On a light cruiser during the war **335**, 33.
Von Kolnitz, H.
Confederate Submarine **416**, 1453.
Keokuk's Guns **423**, 678.
Von Lobell Ordnance Report **112**, 884.
von Munching, L.L. **704**, 113.
Von Nieda, Daniel (co-author): See: C.C.

Bates.
Von Pflugk, H.A.V.
Tips on Practical Shiphandling **463**, 1287. **466**, 1765.
Torpedo Boats **462**, 1115.
von Sanders, L.: Five Years in Turkey (book) **291**, 637.
von Scheer, Admiral **224**, 1622. **311**, 85.
Von Steuben (SS): Shell bursts, killing three of crew **182**, 919.
von Tirpitz, A.P.F. **205**, 483. **260**, 1761.
Von Wrangell, C.P.: Czar's Communism **578**, 393.
Voorhees, L.E. **707**, 119.
They're Not Old--They're Neglected (ProfNote) **697**, 135. **701**, 94, 96, 97.
Vose, W.F. **526**, 1589.
Let's Gear Training to the Job **731**, 66-73. **737**, 102, 104, 107.
Voss, G.L.: Canal at Sea-Level Could Produce Ecological Problems (Nbk) **840**, 92.
Vosseller, A.B.
Co-operative Navy Housing Association **366**, 1116.
Patrol Plane and Future **453**, 1577.
Vosseller, J.O.
Checking Japanese Record **470**, 515.
Tall Tale **456**, 187.
Vossler, F.A.L.
Measurement of a base line for a hydrographic survey. Sketches by L.M. Samuels **148**, 1511.
Promotion in Navy **215**, 7-20. **216**, 247. **218**, 559.
Votaw, Homer C. **551**, 101. **631**, 1050.
Brazilian Navy in World War II: **567**, 493.
Curious Case of the Camanche (OldNav) **641**, 792.
From Coal to Oil--the Old Cheyenne (OldNav) **704**, 166.
Honorable English as She Was Taught (anec) **557**, 795.
Independence, Our First Ship-of-the-Line (OldNav) **662**, 153.
Johnston Island **487**, 1176.
Joint author: See: Thornton Emmons.
Midway--North Pacific's Tiny Pet **453**, 1601.
Our Navy and South America's Greatest Earthquake **541**, 345. **544**, 760.
Sloop-of-War Ganges (OldNav) **833**, 82.
Take It with Grain of Salt (anec) **592**, 651.
Wake Island **455**, 52.
When Navy Was Host to Hawaii's King **539**, 71. **542**, 484.
Voting
Do You Vote? H.A. Patrick **548**, 1277.
Laying Aside the Citizen. A.E. Eastman **679**, 54.
The Silent Vote. F.G. Dengler **816**, 34. **820**, 92, 93. **821**, 94, 95. **824**, 92. **828**, 105.
What Keeps Armed Forces from Ballot Box? W.B. Prendergast **594**, 889.
Voyages
See also: Arctic Exploration.
An Early Globe-Circling Cruise. E.S. Maclay **134**, 481.
Early Voyages of American Naval Vessels to the Orient. C.O. Paullin **134**, 429. **135**, 707. **136**, 1073. **137**, 239. **138**, 387.
The USS Idaho: Reminiscences, 1866-1870. O.W. Farenholt **144**, 1451.
Some Experiences on Board USS Manila. W.F. Halsey **103**, 565.
Through the Patagonian Channels and Strait of Magellan: Voyage of USS Solace. R. Stone (maps; illus) **130**, 455.
Voyage That Must Be Made--Under the Wilkes' and d'Urville's Discoveries in Wilkes Land (1840). J.E. Pillsbury **134**, 465.
Polar Cap. G.W. Kittredge **660**, 61.
Vreeland Board (on the USS Maine): Report **141**, 371.
Vroom, G.B.
and Stevens, W.O.: Fate of Dreadnought **216**, 191. **218**, 577.
Ex scientia tridens **233**, 1167.
Place of Naval Officer in International Affairs **219**, 685.
Strategic Value of Aircraft Carrier **263**, 78.
Vroom, H.C.: Battle at Gibraltar--February 1960 Cover.
V/STOL
See also: Vertical Take-off and Landing.
Carriers: Maintaining a Western Carrier Capability. J.L. George **896**, 30.
Hydrofoil Home for the V/STOL Jet (ProfNote). J.K. Clifford **850**, 110. C&D: **856**, 90.
Negotiations Concluded for Harrier (Nbk) **805**, 124.
New Force for the Amphibious Task Force. H.C. Boschen, Jr. **809**, 46.
V/STOL and the CV (ProfNote). J.T. Tyler and A.H. Boquet **896**, 94.
V/STOL: New Force for the Amphibious Task Force (C&D) **815**, 79.
V/STOL: Stalled? R.M. Braybrook **860**, 32.
Why V/STOL? G.G. O'Rourke **875**, 39. **880**, 79. **884**, 91.
VTOL
A Perspective On Sea-Based (ProfNote). W.V. Whidden **813**, 95.
VTOL Systems, Future of Navy. J.B. Kusewitt, Jr. **847**, 25.
Vucinich, W.S. **598**, 1376.
Vulcan (motor ship) **261**, 1902.
Vulcan Gearing **253**, 476.
Vulkan (Ger. dock-ship): Description **128**, 1326.
Vung Ro Incident **819**, 186.
Vyvyan-Newitt Range-Finder: Description **117**, 362.

W

Wabash (U.S.): See: Cover Pictures--March 1952.
Waccamaw--A New Oiler, in Part (ProfNote). H.G. Gillette **775**, 141.
Wachtel, J.C. **728**, 134.
Wachusett (USS) **341**, 877. **343**, 1206. **352**, 834. **354**, 1199.
Waddell, J.I.: Shenandoah Notes **455**, 24.
Waddell, James I. **844**, 67-75.
Wadhams, A.V.: Alexandria, Transports at. **22**, 615.
Wadia Master Builders: The Excellent Ships of Bombay (OldNav). J.M. Windas **830**, 68. **842**, 91.
Wadleigh, J.R.
Against All Enemies (Hanks) (C&D) **809**, 93.
1873--The Best Was Yet to Be **849**, 56.
Hallowed by Thy Name (anec) **895**, 79.
Naval Communicator--Specialist or Subspecialist? **751**, 72. **754**, 114. **757**, 120.
Need for Greater Specialization in Naval Communications (ProfNote) **842**, 110.
On the Treadmill to Pearl Harbor: The Memoirs of Admiral James O. Richardson (Abbazia) (C&D) **862**, 84.
View from the Bridge of the Sixth Fleet Flagship (Kidd) (C&D) **837**, 97.
Warship Design: Ours and Theirs (Kehoe) (C&D) **874**, 74.
Wadsworth, Dwight: Naval Gunfire Today and Tomorrow (C&D) **769**, 109. **774**, 108.
Wadsworth (USS): Photograph **160**, 1781. **197**, 1201.
Waesche, R.R. **417**, 1630.
Armaments and Gunnery in Coast Guard **315**, 381.
Wagenblass, J.H. **489**, 1486.
Wager, Sir Charles: American Admirals in the British Navy. C.G. Calkins **130**, 441.
Wages, C.J., Jr.: Mines--the Weapons That Wait (Pict) **711**, 103.
Wagner, A.F. **333**, 1060.
Wagner, E.O.: Project Pinwheel **524**, 1285.
Wagner, H. **295**, 1000.
Riding a Hobby **328**, 486.
Wagner, R.M. **684**, 99.
Wagner, W.C. **406**, 1771. **461**, 1010.
WAGON, Project (ProfNote). C.E. White **810**, 121. **818**, 92.
Wailing Wall Controversy **330**, 773, 875.
Waidner, C.W., Dickinson, H.C. and Crowe, J.J.: Observations on Ocean Temperatures in Vicinity of Icebergs **148**, 1525.
Wainstein, Leonard **770**, 109.
Dreadnought Gap **763**, 78. **766**, 133.
Wainwright, D.B.: Scientific Administration of the Navy Ration **154**, 1673.
Wainwright, L. **245**, 1173. **315**, 443.
Squaring Tilt **282**, 1547.
Wainwright, Lawrence **669**, 102. **725**, 110.
Michelson in the Navy; The Navy in Michelson (Livingston) (C&D) **800**, 115.
Mine as a Tool of Limited War (C&D) **772**, 105.
Wainwright, R.
Graydon Torpedo-thrower **49**, 385.
Fleet Tactics **52**, 65.
Naval Battle Tactics (Rev) **71**, 645.
The Naval Defenses of the United Kingdom. P.H. Colomb (Rev) **47**, 778.
Navy Coast Signals **48**, 61.
Our Merchant Marine: the Causes of its Decline... Honorable Mention, 1882: **19**, 121.
Our Naval Power. Honorable Mention, 1898: **85**, 39.
The Pittsburgh Cast Steel Gun **48**, 149.
Practical Marine Surveying. H. Phelps (Rev) **52**, 181.
Remarks (on board U.S.F. President) made by M.C. Perry **49**, 339.
Seamless Tubes for Gun-Making **49**, 393.
Search Curves: Some Applications and Limitations **84**, 663.
Speed Trials of Fast Ships (Rev) **54**, 437.
Tactical Problems in Naval Warfare. Prize Essay, 1895: **74**, 217.
The 34-centimeter Gun **48**, 149.
Wainwright, R. Sr. **263**, 166.
Dacia Dilemma **270**, 1452.
General Board **228**, 189. **230**, 635. **231**, 792. **233**, 1178.
In Memoriam **279**, 1077.
Laws and customs at sea affected by world war **244**, 897.
Wainwright, Richard
Battle of Sea of Japan **116**, 779.
A further argument for the big ship **119**, 1057.
Obituary of William T. Sampson **102**, 455.
On "another view of Alma Mater." **132**, 1260.
On the elements of fleet tactics **118**, 682.
On promotion, present and prospective **114**, 444.
Wainwright (USS): Launched; description **158**, 1301.
Wait, G.B. **692**, 107. **669**, 103.
Waite, C.L.
Naval Medical Officer: Worst of Both Worlds (Dully) (C&D) **808**, 103.
Prognosis for Navy Medicine **826**, 32.
U.S. Navy Medical Corps (Pict) **817**, 64.
Waite, R.R. (co-author): See: H.J. Connery.

Wakamatsu Iron and Steel Works **101**, 118.
Wakatsuki (Baron): Prem. of Japan **340**, 844.
Wake Island
Life on By-Passed Atoll. W.S. Howard **583**, 943.
Old Glory on Wake Island. E.D. Taussig **388**, 807.
Picking, S. **238**, 2075.
Pioneer Party. R.A. Dierdorff **482**, 499.
Presidential Unit Citation **544**, 751.
Votaw, H.C. **455**, 52.
Wake Island Citation, Marine Corps **468**, 303.
Wakeman, C.O. **691**, 112.
Wakes, Camouflage of **545**, 893.
Wake-stream: See: Suction.
Wakiva (USS): Sunk in Collision **185**, 1660.
Walbridge, G.O.: "Shadow to Dagger" **527**, 15.
Wald, L.Y.: The Military Union Card (Schratz) (C&D) **895**, 85.
Walden, H.W.: Flying Activities **373**, 313.
Waldron, J.L.: Blueprint to Professionalism (C&D) **844**, 91.
Waldron, Robert
Awaiting Orders (anec) **710**, 86.
Confidence (anec) **684**, 124.
Waldron, W.H.: See: Flags.
Waldron (U.S.): Commanding Mothballer. J.C. Shaw **588**, 161.
Waldrop, G.A.: Let's Stop Subsidizing Non-Rated Men Who Marry **717**, 55.
Wales
Strange Adventure in. F. Pleadwell **257**, 1094.
U.S. Navy Research Base to be Located in Wales (Nbk) **828**, 125.
Walke (U.S. Destroyer)
Emergency repairs to USS Walke. F.T. Evans (illus) **153**, 1387.
Fatal Turbine Casing Explosion **144**, 1667.
Walker, Asa
Combined Maritime Operations **93**, 143.
Notes on Cuban Ports **94**, 333.
On some ideas about organization aboard ship **129**, 283.
The Size of Fighting Ships **95**, 515.
Walker, B.S.: Navy and Applied Physics Laboratory **732**, 44.
Walker, C.C. **418**, 1778.
Walker, E.K. **588**, 210.
Walker, G.R.W.: "...a most successful naval visit" (Bublitz) (C&D) **793**, 104.
Walker, H.L. **596**, 1143.
Walker, J.G. **616**, 715. **618**, 927.
Walker, J.R. **658**, 1346.
Walker, L.G.: Naval Medical Officers: Worst of Both Worlds (Dully) (C&D) **808**, 102.
Walker, R.J.
Fleet Repair Facilities Ashore **390**, 1120. **394**, 1844.
Masquerading Marine **426**, 1148.
Walker, T.J.: USS Constellation (CVA-64) (NewNav) **721**, 152.
Walker, W.D. **553**, 357.
Walker, William: See: **185**, 1527.
Walkky, K.J.: Dot-dot-dash. Running into Danger (Cannan & Libbey) (C&D) **893**, 85.
Wall, Bob: Cinderella Carriers (Pict) (C&D) **884**, 94.
Wall, Jean S.: Don't Retire Completely (C&D) **790**, 100.
Wall, T.U.: Leadership: The Theory Behind the Principles (Leadership Forum) **886**, 72.
Wallace, B.C.: Effective Writing: Navy or Civilian (C&D) **790**, 110.
Wallace, E.J.: Little Creek Incident (anec) **530**, 425.
Wallace, H.G.S. **244**, 1070. **426**, 1235.
Great Circle Sailing **197**, 1197.
Wallace, Jeannette G.: Recognition--At Last! (anec) **628**, 687.
Wallace (Eng.) **353**, 1072.
Wallach, R.: The War in the East **76**, 691.
Waller, G.W.D. **500**, 1269.
Joint author: See: McClench, D.
Wallin, H.N.
and Olcott, F.B.: Characteristics and uses of aluminum alloys **306**, 675.
I Never Told Him (anec) **792**, 41.
Permissible Building Programs Under London Naval Treaty **334**, 1074.
Rejuvenation at Pearl Harbor **526**, 1521.
Seattle's Marine Museum (Pict) **698**, 83.
Walling, Burns T.
and Martin, Julius: Electrical Installations of the U.S. Navy (illus) **120**, 1399. **121**, 243. **122**, 739. **123**, 1005.
Diseases of Electrical Installation **86**, 191.
Diseases of Electrical Installation in the Navy: Their Causes and Remedies **88**, 617.
Wanted, a Synthetic Wireless **118**, 671.
The Wreck of the Kearsarge **72**, 671.
Walling, H.S. **550**, 1559.
No Time for Fooling (anec) **600**, 167.
Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **752**, 108.
Wallis, Sir P.W.P. **684**, 101.
See also: Old Navy: Naval Service, World's Record for.
Wallis, R.: Liquid Fuel **82**, 369.
Walliser, B.A.: Two Fathom Fleet **527**, 73.
Walls Beneath the Sea. D.P. Stang **781**, 33. **788**, 105.
Walls Came Tumblin' Down. C.K. Ferguson **810**, 70. **818**, 94.
Wallster, E.W. **573**, 1264.
Walsh, D.W. **595**, 1032.
Walsh, Don **707**, 127.
"Do-It-Yourself" Postgraduate Education (ProfNote) **757**, 146.
Don't Forget the Junior Officer (ProfNote) **739**, 142.
The Naval Speaker (ProfNote) **780**, 129. **785**, 96.
Space Oceanography, the Logical Paradox **792**, 42.
Walsh, E.A.: American Merchant Marine: Its Rôle in National Economy **404**, 1397.
Walsh, W.R.
Cruise Missile: The Ship Killer (Ruhe) (C&D) **885**, 83.
The Nuclear Submarine: Riding High (Ruhe) (C&D) **869**, 82.
Walton, D.C.: Gas Mask and Next War **269**, 1172.
Walsh, E.A.: Lapse of Our Merchant Marine **315**, 455.
Walsh, Edward: First Things First (anec) **856**, 44.
Walton, F.D. **319**, 816.
Walsh, J.L.
Local Civil Time and Date from Time Diagram **479**, 23.
New Diagram for Universal Small-Area Plotting Sheet **487**, 1221.
Walsh, N.M.: All Together, Boys, Pull! (anec) **620**, 1111.
Walsh, W.R.: Carrier Employment Since 1950 (C&D) **757**, 120.
Walter, L.R.
Industrial Reconversion in 1918 and 194? **494**, 399.
Public Relations--In War and Peace **490**, 1577.
Walters, E.D.: A Close Shave (anec) **787**, 87.
Walters, R.E.
Polaris Duty: Pinnacle or Predicament (C&D) **777**, 109.
Treaty on Outer Space (C&D) **783**, 109.
Walton, M.A. (co-author): See: B.W. Watson.
Walton, N.C. **701**, 94.
Walton, N.G.: Re-enlistment Rates (C&D) **760**, 124.
Wamponoag (U.S.)
Gurley, R.R. **418**, 1732.
Isherwood's Masterpiece. E.W. Sloan, III: **754**, 55.
Wandell, M.T.
Are You Qualified (anec) **566**, 385.
Grounded (anec) **585**, 1181.
Poor Reception (anec) **619**, 997.
Rugged Duty (anec) **565**, 281.
"Top Secret" (anec) **593**, 767.
Wane, Richard: The Executive Officer **181**, 515.
Wang, S.: Naval Strategy in Sino-Japanese War **461**, 991.
Wanghia, China, treaty, 1844: **347**, 60.
Wanghia, treaty of opening of China: Early Voyages. C.O. Paullin **136**, 1083.
War
See also: Limited War; Preventive War.
After Communism, What? P.R. Schratz **689**, 38. **700**, 95.
Are We Ready to Wage Limited War? H.B. Seim **697**, 27. **700**, 92, 94. **703**, 105.
The Atom, the Navy, and Limited War. G.L. Raring **708**, 50.
Background to Disarmament. D.O. Smith **644**, 1042.
Battle, No Longer the Pay-off? S.T. Possony **810**, 32. **815**, 88. **817**, 90.
Books on, Popular in Japan **355**, 1375.
Britten, F.A., re **346**, 1706.
Causes **291**, 632. **345**, 1570.
Chicago Tribune, re. **352**, 942.
Choose Peace or War. W.N. Thornton **380**, 1377.
Communist Revolution in Warfare. J.D. Atkinson **601**, 285.
Cost of Wars Since 1853 (To 1914): **150**, 352.
Deception: "Ruse de Guerre". J.M. Bermingham **426**, 1156.
Declaration of: The War Powers: Constitutional Crisis. R.J. Barrett **849**, 18.
Depression, Panic, and War **354**, 1242.
Design for War--To Promote Peace. G.V. Stewart **449**, 941.
Destructive Agencies of. **258**, 1380.
Did We Lose the Korean War? R.W. Daly **700**, 33.
Dimensions and Characteristics of Future War. W.D. Puleston **568**, 591.
Disarmament May Produce **343**, 1278, 1294.
Early Signs of an Intended Invasion. Renato Tittoni **150**, 353.
Economic War. H. Russell **346**, 1709.
Escalation: A Historical Perspective. A. Goldberg **760**, 56.
Experiment in Total War. R.G. Alexander **642**, 837.
Finance. J.L. Seligman **394**, 1829.
First Element of Training for War. R.E. Krause **340**, 776. **343**, 1253. **344**, 1399. **346**, 1702.
German View of Future **313**, 254.
Great Debate: 1954. R.E. Williams, Jr. **613**, 247.
Hague Revised Rules **261**, 1932.
Healthy Attitude Towards Peace. S.S. Stratton **515**, 53.
History vs. Prophecy. G.R. Clark **160**, 1989.
How to Lose War. G.F. Eliot **569**, 707.
Human Factor in War. R.E. Krause **390**, 1065.
The Industrial in Modern War. R.D.

Gatewood **163**, 757.
Influence of Public Opinion upon War. B. Anderson **377**, 961.
International Behavior, Changes in. J.C. Hubbard **429**, 1607.
Is War Inevitable? W. Hovgaard **416**, 1423.
Japan and United States **357**, 1677-79. **358**, 1834.
Korea--Back to Facts of Life. J.D. Hittle **574**, 1289.
Lessons, Some, of War in Korea. C. Rougeron **604**, 635.
Limited War
Limited War and the Striking Fleets. R.H. Gormley **720**, 52. **727**, 101.
Victory in Limited War. C.L. Parnell **796**, 26. **800**, 116, 117, 118. **804**, 92.
Material Procurement Planning. H.L. Pence **346**, 1653.
Maxims, Ancient, Modern War and. W.D. Puleston **514**, 1435.
Maxims, Chinese: Masters of War. R.O. Patterson **593**, 751.
Money Unnecessary for. **355**, 1366.
The Moral Factor in War. H.H. Frost **162**, 349.
Must We Have World War III? J.D. Atkinson and D.P. Yeuell, Jr. **641**, 711.
National Strategy. H.H. Frost **270**, 1343.
Nation in Arms. H.J. Ray **372**, 205.
Naval Strategy. R. Daveluy **131**, 912.
On Understanding War. R.L. Giddings, Jr. **785**, 26. C&D: **793**, 101.
Origin of War. P.J. Searles **249**, 1858.
Our Other War in Korea. W.M. Leary, Jr. **784**, 46. C&D: **792**, 112. **797**, 110.
Our Weakest Link. T.L. Gatch **289**, 267.
Pact of Paris, Cause for. **351**, 762.
Peace-Time Artificiality. F.G. Percival **382**, 1665.
The People's Role in War **172**, 1113.
Perseus and Sphinx; or Science and War. J.M. Scammell **288**, 179.
Prevention: See: Peace.
Preventive War, Case Against. A.D. Sullivan **581**, 701.
Price of Peace. H.G. Brownson **358**, 1771.
Principles of War
Brown, C.R. **556**, 621.
Conolly, R.L. **599**, 1.
First Steps into. R.W. Daly **615**, 539.
A Thesis for Change. B. Keener, III: **777**, 26. C&D: **781**, 108, 109. **786**, 116. **789**, 106.
Procurement Planning for War. H. Williams **369**, 1601. **372**, 247. **376**, 834.
Prophet of Blitzkrieg. D. Glassman **459**, 683.
Quotable Principles of War. A.R. McCracken **394**, 1826.
Rational Victory. R.W. Selton **780**, 27.
Retrospect and Prospect. E.R. Durgin **597**, 1181.
Reverse of the Medal. R. Hargreaves **632**, 1117.
Russian Training for. **346**, 1714.
Self-Containment, Our Armor of. M.F. Talbot **416**, 1381.
Six-Day War of 1967. W.J. Kotsch **784**, 72. **787**, 113. **789**, 105.
Some foreign and other views of war and the study and conduct of war. A. Gleaves **153**, 1301.
Spirit of Offensive. B.B. Wygant **421**, 346.
Study of Junior Officers **353**, 1085.
This Thing Called War. R. Hargreaves **582**, 861.
Three Wars That Face Us. A.T. Church, Jr. **636**, 145.
To Choose Peace or War. S.P. Huntington **650**, 359.
To Whom the Blame? B. Livingston **308**, 895.
Triphibious Power. J.C. Ten Eyck **492**, 179.
Two Colleges, M.F. Talbot **362**, 500.
War. J.A. Lejeune **346**, 1605.
War: Always An Art. W.H. Hessler **662**, 23.
War and its Lessons. Sir G.S. Clarke **93**, 127.
War and Its Prevention. S.B. Luce **134**, 611.
War and Peace. R.E. Krause **418**, 1724.
War and Peace in other days. J.M. Scammell **358**, 1754.
War and Policy. J.S. McKean **149**, 1.
War and Statecraft. M.F. Talbot **352**, 823.
War as an Art. J.E. Mrazek **721**, 65. **728**, 122.
War as the ultimate form of economic competition. B. Adams **108**, 829.
War College
See also: Naval War College.
Address Before Naval War College. F.W. Hackett **95**, 449.
Address to Naval. R.W. Hackett **98**, 291.
Explanation of Course. F.E. Chadwick **98**, 301.
Demotion of Professionalism at the War Colleges. E.L. Katzenbach, Jr. **745**, 34. **748**, 110, 112, 114. **751**, 112, 115.
French. Count de Treveneuc **91**, 621.
German Command and Staff College (ProfNote). S.C. Belechak and W.R. Hand **802**, 147.
Naval War College **69**, 195. **72**, 789. Taylor, H.C. **77**, 199.
Naval War College: Closing Address, 1897. C.F. Goodrich **84**, 679.
Naval War College: Necessity and Utility. C.H. Stockton **68**, 407.
Naval War College: Opening Address, 1896. W. McAdoo **78**, 429.
The Necessities and Objects of a Naval War College. A.T. Mahan **47**, 621.
The Practical Character of the Naval War College. A.T. Mahan **66**, 153.
Spanish Naval War College (ProfNote). S.F. Guille **783**, 132.
War College Education and the Future (ProfNote). R.G. Colbert **849**, 107.
War Colleges, Progress and Problems in the. R.R. Campbell **787**, 52.
War Crimes and Criminals
See also: Germany: Nuremberg Trials.
Nuremberg in Perspective (C&D) **841**, 104. **846**, 98.
Operation Justice. A. Talerico, Jr. **531**, 509.
Salute or Shoot? (C&D). C.P. Lemieux **758**, 139.
"Satisfactory" Not Enough. H.B. Say **737**, 82. **741**, 111.
Verdict is "Guilty." J.B. Penfold **519**, 675.
War Department: Department of War. H.E. Yarnell **486**, 1099. **490**, 1603.
Warfare of Future. B.A. Fiske **216**, 157.
War Games
See also: Games
Departmental Strategic Problem. Z.H. Madison (U.S.) **166**, 1793.
Game for All Hands. C.C. Wood **349**, 340.
Gaming at the Naval War College. F.J. McHugh **733**, 48.
Jane Naval War Game. F.T. Jane **107**, 595.
Jane Naval War Game. A.P. Niblack **107**, 581.
The Nation's Defense. Y. Stirling **126**, 393.
Naval War Game and Formula. F. Pratt **358**, 1758.
Scouting and Screening Operations. W.S. Pye (Maps) **147**, 1139.
Some strategical sketches. W. Hovgaard **168**, 233.
The strategical naval war game or chart maneuver. W. McC. Little **144**, 1213.
A Tactical Problem. In Knight, A.M.: Estimate of the Situation **157**, 781.
U.S. Naval War College. Applicatory System of Solving War Problems **143**, 1011.
Validity of War Game Analysis. J.T. Cockrill **755**, 44.
The War Game. R. Daveluy: In "Naval Strategy" **133**, 194.
War Games in British Navy (1909): **129**, 294.
War in the East, The. R. Wallach **76**, 691.
War of 1812
See also: Names of Battles.
American Marine Thermopylae. T.W. Sheridan **410**, 503, 551. **412**, 918.
An Anglo-American in the (OldNav). C. Lloyd **812**, 80.
Blockade of Boston. R.T. Sutherland, Jr. **408**, 195.
Captain Allen's Battle with English Barge. H.E. Dow **407**, 76.
Capture of Washington. M.S. Davis **412**, 839.
Chapter from Genesis of War of 1812. L.C. Dunn **441**, 1574.
Claudus Water Colors: See: Claudus.
Constitution vs. Guerriere. Linda McKee **714**, 72.
Courage Is Not Enough. E.M. Eller **401**, 943.
David Porter: Pioneer Pacific Strategist (OldNav). W.P. Strauss **768**, 158. **772**, 105.
Don't Give Up the Ship. J.J. Dewey **348**, 253.
Don't Give Up the Ship! H.D. Purcell **747**, 82. **755**, 118.
Essex (U.S.): Cruise of. **369**, 1537, 1547.
Fabulous Potomac Passage. C.G. Muller **735**, 84.
First Contacts--Glorious Cruise of Frigate Essex. A.S. Merrill **444**, 218.
Her Thunder Shook the Mighty Deep. T.M. Prudden **731**, 74.
Hull, W. and I.: Is Defeat Inevitable? E.M. Eller **379**, 1201.
Jacob Jones, Delaware Squire. F. Pratt **570**, 853.
Johnston Blakely, Carolina Sea Raider. F. Pratt **571**, 997.
Lawrence, Case of Captain. W.K. Post **401**, 969.
Low Tide at Hampton Roads. Parke Rouse, Jr. **797**, 79. **802**, 113.
Mr. Madison's Secretary of Navy. K.L. Brown **534**, 967.
Navy Point--World's Smallest Base. H.M. Rice **394**, 1795.
Navy Powder Goes on Journey. C.B. Judge **487**, 1223.
Robert Fulton's "Torpedo System" in War of 1812. D.W. Thomson **523**, 1207. **525**, 1469.
Saving the Big-Ship Navy (OldNav). F.C. Leiner **893**, 76.
Sea Fight at Fayal (OldNav). R.J. Hanks **777**, 157. C&D: **781**, 114.
Stephen Decatur at New London (C&D) **780**, 103.
U.S. Sloop of War Wasp. J.M. Perry **696**, 84. **701**, 99.
"Spy" Lands at Babylon. C.C. Hanks **569**, 778.
Stephen Decatur at New London, A Study in Strategic Frustration.

Wars (Cont.)
War of 1812 (Cont.)
Stephen Decatur (Cont.)
D.S. Jordan **776**, 60.
War Plans
Prewar Military Plans and Preparations, 1939-41. M. Matloff **605**, 741.
Secret: Captain Mahan's "War" With Great Britain. Kenneth Bourne and Carl Boyd **785**, 71.
War Potential, Economic, of Asia. J.Z. Reday **585**, 1137.
War Problems a Specialty. J.B. Penfold **516**, 239.
War Production: Interrelated Methods for Distribution of Materials and Fabricated Parts. J.C. Ten Eyck **486**, 1077.
War-Making Must be in Hands of Those Who Hate War. M.A. Peel, Jr. **543**, 537.
War Maxims: Modern War and Ancient Maxims. W.D. Puleston **514**, 1435.
War on War. L.M. Cox **339**, 599. **340**, 858.
War Schools. S.B. Luce **27**, 633.
War Staff Idea Afloat. H.J. Wright **274**, 2298.
War-time Control of Industry. F.F. Fletcher **246**, 1237.
What Price Victory? L.P. Lovette **378**, 1073.
Weapons **261**, 1927.
Warabi (HIJMS) **297**, 1221.
Warbler (U.S.) See: R.R. Tarbuck, School of the Ship.
Warburton, A.L. **401**, 1037.
Warburton, T.G.: A Seerious Business (anec) **853**, 25.
Ward, A. **310**, 1119.
Ward, F.T. **397**, 424. **419**, 109.
Frederick Townsend War: Mandarin from Salem. R.O. Patterson **600**, 157. **611**, 90. **614**, 452.
Ward, J.H.: Ward--Man and Ship. W.S. Wharton **525**, 1457. **528**, 203.
Ward, N.G.: Polaris Blue and Gold (ProfNote). **678**, 133.
Ward, R.C.: Command Attention! (ProfNote) **664**, 132.
Ward, R.E.: Inside Story of Pearl Harbor Plan **586**, 1271. **590**, 435.
Ward (USS)
Illustrations showing the Ward under construction **185**, 1550, 152.
Launched, after 17½ days building **185**, 1556.
They Were Ready (OldNav). D.J. Morgan **850**, 80.
War--Man and Ship. W.S. Wharton **525**, 1457. **528**, 203.
The Ward's Building Record **187**, 2105.
Warde, W.A.: Brief Visit (anec) **699**, 87.
Wardroom Melody. J.H. Skillman **411**, 681.
Wardroom Mess
Running Cruiser. W.J. Lederer **429**, 1567.
Sheehan, J.M. **400**, 842. **414**, 1169.
Wardroom of the USS Tuscaloosa. D.A. McElduff **389**, 944. **394**, 1843.
Wardroom: Plea for talking ship **323**, 28.
Ward-Smith, A.G.: Prestige and the Navy Family (C&D) **745**, 107.
Ware, B.R.
Drop-through Pump Valves **198**, 1333.
Polish Corridor **343**, 1238.
Winning the Engineering Competition **194**, 593.
Ware, Hugh: New Tools for Crisis Management **858**, 18. **863**, 87.
Ware, R.L. **446**, 571.
Ware, W.J.: Day at the Zoo (anec) **668**, 70.
Warfare
See also: Aerial Warfare, Gas Warfare; Aviation.
Ancient Naval. S.B. Luce **72**, 721.
Amphibious Warfare: See: Landing Craft and Operations.
Biological Warfare--Equalizer. J.B. Kelley **564**, 137.
Case for Doctrine of Unconventional Warfare. R.F. Delaney **703**, 66.
Chemical and Gas Warfare
Aerology and Chemical Warfare. T.J. Raftery **362**, 559.
Chemical Warfare. H.A. Flanigan **398**, 497. **403**, 1320.
Development of War Gases and Navy. E.W. Brown **433**, 334.
Field Decontamination Station. R.D. Heinl, Jr. **495**, 553.
Gas! Is Your Ship Ready? (ProfNote). E.F. Fitzgerald **704**, 145.
Should Poison Gas Be Legalized? **359**, 111. **373**, 400.
"Fringe" Warfare: Navy and "Fringe" War. H.B. Seim **582**, 835.
Guerrilla Warfare
China: "Long March" as Extended Guerrilla Warfare. W.W. Dinegar **589**, 269. **598**, 1367.
Guerrillas and the Laws of War. R.D. Powers, Jr. **721**, 83.
Wilkins, F. **613**, 311.
History of Warfare: Victory to the Stronger. R. Hargreaves **794**, 74.
Naval Warfare
See also: Classes of ships, names of ships, names of battles, names of wars, Sea Power, and Strategy and Tactics.
Aggressive in Naval Battle (100 Battles). W.N. Thornton **416**, 1405. **419**, 101.
Battle Fleet and World Air Power. P.M. Stanford **490**, 1533.
Battle of Navarino, 1827. D.M. Abshire **671**, 92. **678**, 106.
Communications, Impact of Rapid, on Employment of Naval Forces. B. Anderson **585**, 1157.
D'Estaing's Fleet Revealed. D.W. Knox **384**, 161.
Future Naval Forces. I. Olch **471**, 615.
Future Naval War. F.G. Percival **454**, 1699.
Guide, Suggested, for Amateur Military Critics and Prophets. W.F. Riggs, Jr. **546**, 935.
Landlocked Waters in War. C.A. Weil **467**, 18.
Limited War and the Striking Fleets. R.H. Gormley **720**, 52. **727**, 101.
Mistaken Attacks in World War. L. Doughty, Jr. **382**, 1729.
Naval Actions, 1939-41. W.L. Robinson **474**, 1125.
Naval Officer and Tomorrow's Navy **553**, 279.
Navy Electronic Warfare Simulator (ProfNote). R.S. Brooks **679**, 147.
Navy's Stake in Future. G. Richards **540**, 183.
Navy's War Against Japan. E.B. Potter **570**, 825.
Night Fighting at Sea by British Navy. W. James **496**, 645.
No More Courtly Challenges. C.C. Hanks **566**, 395. **584**, 1106.
Oceanography and Future Naval Warfare. R.J. Alexander **724**, 66.
Sea Campaign from Australia to Philippines. J.K. Eyre, Jr. **518**, 539.
Sea Power in Global War. W.H. Hessler **499**, 1077.
Ships Lost, World War II: **449**, 1065. **450**, 1215. **453**, 1678. **454**, 1833.
Tactical Problems in Naval Warfare. Prize Essay, 1895. R. Wainwright **74**, 217.
Task Forces, Importance of Naval and Air, in Global Warfare. H. Woodhouse **472**, 789.
Three Years of Warfare at Sea. C.H. Spilman **478**, 1704.
Unknown British-American Victory. A.M. Kamarck **474**, 1134.
U.S. Navy, table of engagements **464**, 1383-84.
Wanted: New Naval Development Policy. F.G. Percival **483**, 655.
What This War Means to U.S. Navy. F.G. Percival **466**, 1701.
Will We Need Navy to Win? E.M. Eller **565**, 237.
World Naval Development, 1898-1918. D.W. Mitchell **480**, 232.
The New Character of Warfare. W.D. Toole, Jr. **889**, 18.
Submarine: Statistics of Submarine Warfare, 1939-45: **671**, 109.
Wargaming the Cold War. M.T. Price **673**, 44.
Warilda (transport): Torpedoed **187**, 2214.
Waring, Gerald: The Alexbow Ice Plow (ProfNote) **789**, 141.
Waring, R.G. **459**, 756.
War Knight (SS): Collides with SS O.B. Jennings **183**, 1144.
Warlick, W.W. **269**, 1241.
Warner, E.P. **282**, 1605.
Air Policy for U.S. **267**, 722.
Interrelations of Sea and Air Problems **293**, 759.
Naval Aviation **284**, 2143. **296**, 1052.
Warner, J.F. **717**, 128. **721**, 118.
Warner, J.W.: Above and Beyond... (ProfNote) **821**, 106.
Warner, Oliver: Character of Collingwood **796**, 63.
Warner, P.A.: Navy Medicine: A New Prescription (Flynn) (C&D) **834**, 89.
Warner, S.H.: Naval Aviator in Making **304**, 468.
Warning Systems
Air Electronic Warfare. J.S. Lake and R.V. Hartman **884**, 42.
The Eyes of the Fleet (ProfNote). T.A. Guarino and C.F. Muller, Jr. **884**, 117. **889**, 82. **894**, 68.
Warnken, L.F.: Safety Last (anec) **857**, 29.
Warrant Officers: See: Names of countries, subhead Navy; Personnel.
Warren, Sir John B.: See: Hampton Roads, Low Tide at.
Warren, L.C.
Once Is Enough (anec) **624**, 166.
Washing of the Waves (anec) **645**, 1235.
Warren, Mary and M.E.: Changing Profiles of the U.S. Naval Academy (Pict) **724**, 95.
Warren, M.E. (photog.)
Naval Ordnance Laboratory (Pict) **764**, 104.
U.S. Naval Academy (Pict) **768**, 93.
Warren, R.H.
Naval Chaplaincy **798**, 54. **803**, 102.
Political Activity and the Naval Service (C&D) **765**, 131.
Warren (U.S.) **431**, 147.
Warrington, Lewis: Cruise to Orient, in the Peacock, 1815: **134**, 442.
Warrington (U.S.): See: Attempt to Save the Wellington.
Warsaw Pact: See: Warsaw Treaty Organization.
Warsaw Treaty Organization: East European Alliance System. R.F. Staar **739**, 26.
Warships
See also: Names of classes; navies, names of vessels.
Change of Liners into. **328**, 545, 547, **333**, 1050. **334**, 1140.
Freak Warships. F. Pratt **334**, 1091.
Intermediate Warship. F. Pratt **438**, 1147. **441**, 1631. **443**, 100. **446**, 565. **448**, 868.

Our First Steel Warships (Pict) **791**, 84. **795**, 106. **797**, 104.
Personality **327**, 379.
Protection of Warships **83**, 575.
Separation of Passage and Emergency Powers of. N.B. Clark **43**, 565.
Reaction from Large. **324**, 162.
Their Cost and Their Value, Tomorrow. B.B. Schofield **815**, 43. C&D: **827**, 91. **829**, 108.
Warship Design from a Tactical Standpoint. J.M. Ellicott **97**, 51.
Warships and Naval Warfare. J. Leroux (Tr.) **66**, 167.
Warships of the Five Great Naval Powers, 1893: **68**, 503.
Warships of Various Countries in 1898: **87**, 536.
Warspite (HMS) **345**, 1574.
Description **146**, 851. **150**, 521.
Wartime Military Justice: Justice in the Battle Zone. J.E. Toms **796**, 52.
Wasa, Two Voyages of the. E.L. Westberg **793**, 63.
Wash, J.L. **701**, 97. **708**, 113. **715**, 103. **728**, 135.
Finnish Icebreakers (Landtman) (C&D) **798**, 103.
Half a Career (C&D) **759**, 126.
Not Too Near--Not Too Far (C&D) **769**, 111. **772**, 107.
Single Lines of Position (ProfNote) **712**, 143.
Tangible Incentive (C&D) **770**, 108.
Washburn, Harold C.
American Blind Spot **167**, 1.
Battle of Lake Champlain (map) **153**, 1365.
British Royal Standard (illus) **146**, 791.
Post-graduate Course in Exposition **199**, 1583.
The War with Spain: A Study of Past Performances **173**, 1391.
What it means to an officer in the U.S. Navy today **178**, 2897.
Washbush, J.B., and L.R. Hess: Officer Educational Specialist--A Proposal (ProfNote) **833**, 116. **837**, 90.
Washington, B.
Notes on Radio Compass **195**, 769.
What is Matter with Navy's Radio? **215**, 21.
Washington, D.C.
Botanic Gardens **473**, 967.
Capture of Washington. M.S. Davis **412**, 839.
Duty in Washington (ProfNote). J.S. Oller, Jr. **747**, 145.
Naval Observatory: See: Naval Observatory.
Navy Yard. H.F. Cope **419**, 20.
Navy Yard Visitor's Pass, 1876: **582**, 882.
Potomac River Naval Command (Pict) **613**, 325.
Round-Shot to Rockets: Story of Washington Navy Yard and Naval Gun Factory. H.C. Allendorfer **560**, 1159.
State, War, and Navy--Under One Roof, 1882. R.G. Albion **557**, 793.
What About Duty in Washington? J.C. Shaw **638**, 362.
Washington, George
The Bell Tolls for Him (OldNav). W.H. Gridley **864**, 74.
Birthday Under Two Flags. W.E. Beard **306**, 649.
Busts for His Home **354**, 1244.
George Washington, R.J. Alfaro **350**, 633, 636.
How Our Infant Navy Strangled a War Horror. E.S. Maclay **202**, 2046.
Quoted **359**, 44-46.
Visits to Colonial Annapolis. H.A. Baldridge **300**, 90. **302**, 305.
Washington Views Naval Preparedness. D.W. Knox **354**, 1103.
Washington, L. **385**, 378.
Washington (U.S. SS) (passenger ship) **355**, 1379. **356**, 1530. **357**, 1679.
"Ten Minutes." H. Manning **453**, 1590.
Washington (USS)
4th: armored cruiser (ACR-11)
Description **104**, 979.
Illustration **179**, 111.
5th: battleship (BB-47): **223**, 1445. **264**, 303. **266**, 636, 655, 675. **277**, 464.
6th: battleship (BB-56): **410**, 605. **416**, 1475. **428**, 1427.
Washington Conference: See: Limitation of Armaments.
Washington Naval Conference, Tactical Implications of the (ProfNote). S.M. Silver and T.H. Etzold **847**, 109. **853**, 92.
Washington Naval Treaty: See: Lexington and Saratoga, The New Beginning.
Washington Navy Yard: Electricity at Washington Navy Yard. J.E. Price **111**, 672.
Washington Post, re merchant marine **331**, 881.
Washington's Forgotten Maxim. Theodore Roosevelt **83**, 447.
"Washington's Navy": The Navy's First "Lady" (OldNav). W.L. Dike **856**, 84.
Washington State Nautical School **355**, 1281.
Wasp (U.S.) **492**, 191.
2nd: 18 gun ship-sloop **358**, 1737. **492**, 191.
3rd: Sloop-of-War **377**, 949.
See also: Farenholt, A. **128**, 1279. **492**, 191; Cover Pictures--March 1954.
U.S. Sloop of War Wasp. J.M. Perry **696**, 84. **701**, 99.
4th: blockade-runner: Captured by Poictiers (Br.) **435**, 779.
6th: (CV-7): **401**, 1079.
Loss of Wasp. F. Pratt **492**, 191. **521**, 909.
Watanabe, Tetsuzo **669**, 106.
Watch Bill: "...Now Relieve the Watch" (C&D) **849**, 98.
Watch, The First. R.W. McNitt **671**, 49.
Watch Officer, Destroyer, Development of. W.B. Porter **520**, 775.
Watch, Quarter and Station Bills
Gove, C.A. **91**, 479.
Schroeder, S. **90**, 335.
Watchstanders, Rotation System for: Improved Sonar Operator Efficiency **689**, 100.
Water
Desalination Plant
Guantanamo's Water Plan Nearly Complete (Nbk) **744**, 152.
We'll Desalt; Fidel Water Out for Good (Nbk) **734**, 147.
Desalting Filter Called Success (Nbk) **738**, 163.
Drinking Water from the Sea (Nbk) **730**, 168.
Progress in De-Salting Water (ProfNote). E.J. Long **716**, 140.
Water as Fuel: See: Fuel.
Water Cycle: See: Meteorology.
Water for Vessels, Fresh **249**, 1911.
Water Losses from Submarine Storage Batteries. J.F. Madden **339**, 606.
Water Pollution: U.S. Navy Questioned About Pollution (Nbk) **754**, 157.
Water Power **216**, 280. **217**, 440.
Water Recovery **259**, 1565. **271**, 1769.
Water-Recovery Method of Ballast for an Airship. J.C. Arnold **330**, 731.
Water Sail **321**, 1001.
Water-testing: Electric Chlorine Indicator. P.V.H. Weems **195**, 775.
Water-tight Compartments, Origin of. E. Snow **242**, 601.
Water-tight Door, Cylindrical **83**, 577.
Water-tightness. H.W. Pierce **337**, 325.
Waterways: See: Canals and Waterways.
Water, Weight of Sea. J.B. Scarborough **326**, 299.
Water Bugs Are Coming. E.N. Wolfe **681**, 75.
Wateree (USS) **281**, 1319. **283**, 1792. **285**, 2300.
Our Navy and South America's Greatest Earthquake. H.C. Votaw **541**, 345. **544**, 760.
Waterfalls: Rainbow Falls, Hilo, T.H. **348**, 228.
Waters, E.C.: Maritime Collection of Seamen's Bank for Savings (Pict) **690**, 95.
Waters, F.A.: Confident Shiphandler (anec) **768**, 33.
Waters, J.M., Jr. **770**, 108.
Little Ships With Long Arms **750**, 74. **756**, 110, 111.
Night Fight Off Oran (Sanders) (C&D) **814**, 83.
"Stay Tough" **766**, 95.
Waters, K.L. **410**, 559. **430**, 1795.
Waters, O.D., Jr.: On Serving One's Country **600**, 168. **607**, 1019.
Waters, R.M.: Who Would Ever Believe Him? (anec) **792**, 117.
Waterspouts: See: Meteorology.
Water-Spray Aircraft Arresting Gear (ProfNote). John Thomlinson **768**, 142.
Waterways and Canals
Bypassing Malacca (ProfNote). Lawrence Griswold **844**, 105.
Canal Diplomacy and U.S. Interests. P.B. Ryan **887**, 43. **894**, 70. **897**, 85.
Canals and Channels, A Look Ahead. T.L. Lewis **774**, 33. C&D: **779**, 109.
The Choco Project (ProfNote). A.H.S. Candlin **773**, 135. **777**, 106.
Italy Plans Inland Waterway (Nbk) **787**, 160.
Malacca: Dire Straits. E.F. Oliver **844**, 26.
Military Value of Cape Cod Canal. W.J. Reid **750**, 82. **755**, 114.
New Volga-Baltic Waterway Ready (Nbk) **738**, 161.
Operation Deep Channel. J.M. Howard, III: **822**, 39.
Prognosis for the Panama Canal. A.C. Miller, Jr. **733**, 64. **736**, 113.
Proposed: A Kra Canal. R.D. Duncan **736**, 48.
Reopening of Suez: Who Gains? Who Loses? (ProfNote). J.M. Garner **860**, 103.
Suez Operation. James Stewart **734**, 37.
Southwest Passage? H.H. Gibbs **794**, 64. **799**, 118. **800**, 104, 105.
Soviet Canals. V.P. Petrov **773**, 32. **776**, 111. **778**, 114. C&D: **785**, 102.
Waterways Experiment Station: Pictorial **571**, 1019.
Watkin, Theodore: Time, Angle, Distance: the Decimal System (ProfNote) **729**, 126.
Watkins, D.P.: Scare Point (anec) **674**, 103.
Watkins, F.T., Jr.: Stand By--Execute (anec) **695**, 31.
Watkins, J.D.: The Military Union Card (Schratz) (C&D) **896**, 66.
Watson, B.W.: Comments on Gorshkov's "Sea Power of the State" **890**, 41. **898**, 80.
Watson, B.W., and M.A. Walton: Okean-75 (ProfNote) **881**, 93.
Watson, C.E. **669**, 105. **678**, 107.
Watson, E.S.
and S.M. Brown: This is ANSCOL **513**, 1327.
Captain's Monkey **397**, 372.
"To a Sartin Extent" **401**, 960.
Watson, Ernest: Birth of the Flat-Top

Watson, Ernest (Cont.)
Birth of the Flat-Top (Cont.) **639**, 475.
Watson, H.A.: Lighthouse, Ahoy! (anec) **635**, 31.
Watson, J.C.: Farragut and Mobile Bay **291**, 551.
Watson, J.D.: Marine Helicopters--Stunted Growth **845**, 34. **849**, 88.
Watson, L.H.: Secret Signal (anec) **618**, 881.
Watson, Larry: N.J.R.O.T.C. Diary **821**, 44.
Watson, M.S. **647**, 104. **720**, 122.
Watts, P.: Naval Design and Washington Conference **235**, 1627.
Watson, R.C. **725**, 111.
Great Lakes Fleet Steams into Heavy Seas (ProfNote) **715**, 133.
Watson, T.R. (photog): Grumman A-6 aircraft--May 1974 Cover.
Watt, D.C.
Continuing Strategic Importance of Simonstown **800**, 50. **805**, 100.
Stalin's First Bid for Sea Power, 1933-1941: **736**, 88.
Watt, R.D. (artist): USS Quincy--February 1973 Cover.
Watt, W.G. **701**, 103.
Watterson, Joseph, Jr.: Assignment to New construction (C&D) **754**, 118.
Wattles, T.L. **671**, 120.
Watts, D.H., and J.J. Ritter: Combat Swimmer (Pict) **747**, 95.
Watts, H.C. **647**, 92.
Ericsson, Stockton, and the USS Princeton **643**, 961.
Watts, Philip: On Elswick Cruisers **91**, 669.
Watts, Robert (artist): USS Arizona--December 1977 Cover.
Watts, T.P.: Testing Welding **337**, 403.
Watts, W.C.
On "Trained initiative and unity of action." **146**, 834.
Right of Visit and Search **183**, 973.
Wauchope, George **670**, 122. **730**, 115.
Waugh, Frederick J. (artist): Sunlit Sea--January 1970 Cover.
Waves
See also: Oceanography.
Letter to Dr. Brownrigg relative to the use of oil for stilling the waves. Benjamin Franklin **123**, 926.
Wave Actions in Guns **90**, 430.
Wave Damage: See: Accidents--Vessels.
Wave Motion **33**, 340.
Resistance of Ships. J.M. Rice **18**, 447.
Waves, Ocean, Storms Forecast by. A.W. Haslett **600**, 181.
Wave, Theory of Deep Sea. Richard Gatewood **24**, 223.
Wave to Wind: Relation of. H.A. Marmer **346**, 1687.
WAVES
Navy Waves Rules. M.E. Heckathorn **486**, 1082.
These Boots Wear Skirts. R.A. Rogers, III: **559**, 1023.
Training. J.L. Woodruff **504**, 151.
Wayman, D.G. **316**, 527.
Wead, F.W. **256**, 967. **271**, 1745. **378**, 1138.
Airplane Racing and Record Chasing **293**, 782.
Naval Aviation Today **254**, 561.
Naval Fighting Planes **342**, 1089.
Navy and Aviation **279**, 880.
Weader, R.J., II: Destroyer Design (C&D) **833**, 97.
Weakley, C.E.: United States Navy for the Future (Smith) (C&D) **821**, 90.
Weak Link, The. P.L. Anderson **678**, 56.
Wealth and Income of U.S. **281**, 1410.
Weapons
Battlefield Guided Weapons: The Big Equalizer. P.A. Wilson **864**, 18. **869**, 78.
Bullpup Weapons System (ProfNote). C.S. Deneen **725**, 134.
Case for Club. J. Hanna **476**, 1432.
Design of Naval Weapons. M.H. Hubbard **752**, 38. **756**, 107.
Devil's Watering Pot. N.W. Emmot **835**, 68.
The Fleet Versus the Ballistic Missile. R.S. Crenshaw, Jr. **722**, 34. **730**, 121.
Guns Have Not Gone Yet! J.O. Stull **734**, 80.
History of Weapons: Victory to the Stronger. R. Hargreaves **794**, 74.
New Horizons in Weapons (ProfNote). G.O. Van Orden **692**, 139.
New Weapon Design (ProfNote). A.R. Gralla **685**, 126.
Nuclear Weapons Debate. W.R. Van Cleave **759**, 26.
Peace-Time Artificiality. F.G. Percival **382**, 1665.
Retardation of Weapons for Low Altitude Bombing (ProfNote). S.B. Jackson **784**, 128.
Safety in Numbers. W.W. Jones **692**, 55. **704**, 120.
Small Arms
Last M-14s Delivered to Army (Nbk) **738**, 158.
New Hand-Gun Tested by Army (Nbk) **737**, 143.
U.S. Naval Academy Weapons Department (ProfNote). W.D. Blevins **700**, 121.
Weapon of the Weak. H.W. Richmond **357**, 1671.
Weapons Course: Navy Without Weapons? (ProfNote). J.T. Bonner **828**, 113. **847**, 84.
Weapons Evaluation: The Marine Corps in 1985. P.A. Wilson **875**, 31.
Weapons Systems
Address by P.H. Nitze, 16 March 1964 at Joint Session of NWC and ICAF **737**, 160.
Aegis (ProfNote). W.E. Meyer and Bart Dalla Mura **888**, 93. **893**, 87.
Ballistic Missile Surface Force. T.W. Connolly **736**, 40.
Battle Management for Strategic Weapons Systems. R.L. Giddings, Jr. **815**, 49.
Choosing Strategies and Selecting Weapon Systems. A.C. Enthoven **731**, 151.
Exocet. Mark Hewish, **880**, 112.
Gabriel. Mark Hewish **881**, 101.
Harpoon. Mark Hewish **888**, 102.
Martel. Mark Hewish **885**, 112.
Northern European Antiship Missiles. Mark Hewish **894**, 107.
Otomat. Mark Hewish **882**, 98.
Phoenix. Mark Hewish **884**, 142.
Polaris A3 Launching System (ProfNote). R.W. Dickieson **778**, 133.
Roland. Mark Hewish **892**, 122.
Sea Dart. Mark Hewish **883**, 101.
Seawolf. Mark Hewish **889**, 107.
Soviet Navy Surface-to-Surface Missiles. Mark Hewish **887**, 115. **893**, 90.
Sparrow and Derivatives. Mark Hewish **893**, 123.
Tactical Development in the Fleet. R.H. Smith **878**, 18. **882**, 80. **883**, 76. **884**, 98.
Vulcan/Phalanx: An Effective Close-in Weapon System? (C&D) **883**, 82. **888**, 78.
Weapon System Acquisition Manager (WSAM) **827**, 25. **839**, 99.
Weapons Systems Analysis: Network Analysis--Dynamic Management Technique (ProfNote). F.M. Derr **740**, 128.
Weapons Systems Evaluation Group (ProfNote). T.F. Pollock **769**, 139.
Weapons Systems Management: Operational Readiness and Military Requirements. J.T. Cockrill **737**, 52.
Weather
See also: Meteorology.
Deep-Sea Weather Stations (Nbk) **757**, 161.
Forecast: Change. W.J. Kotsch **779**, 69.
Hurricanes: the Killer Winds. E.T. Harding **748**, 26.
Long-Range Weather Prediction. C.O. Holmquist **849**, 45.
Ocean Weather Station Hotel: A Stormy Address (ProfNote). M.R. Adams **866**, 100.
Transmission of Weather Reports. In Bullard, W.H.G.: Naval Radio **150**, 455.
Typhoons Lorna and Marie (ProfNote). R.D. Garrett **748**, 143.
Weather Forecasting: Weatherman's New Tools Used by Navy Missile Range (ProfNote). P.C. Russell **790**, 136.
Weather Routing of Ships: See: Meteorology.
Weather Stations: OSVs: End of an Era (ProfNote). N.F. O'Connor **849**, 110. C&D: **852**, 89.
Weather Satellites: Satellites Guide Vietnam Pilots (Nbk) **774**, 150.
Weather Service, U.S. Naval: Outranked, Outflanked, But Not Outranged! W.J. Kotsch **754**, 78.
Weatherbee, Donald E. **628**, 700.
Weathered, W.E. (BkRev) **809**, 111.
Weathered, W.W.: Of Hosenoses, Stoofs, and Lefthanded Spads (C&D) **788**, 102.
Weathered, William
Let's Give Up the Ship! (anec) **687**, 61.
Soviet Surface Combatants (Wells) (C&D) **801**, 122.
Weatherup, R.A. **692**, 113.
Defense Against Nuclear-Powered Submarines **682**, 71.
Difficult Decision for a Democracy **688**, 48.
Weatherwax, H.P.: Transfers Are Free of Charge (anec) **656**, 1097.
Weaver, D.O. **650**, 440. **654**, 893. **656**, 1120.
Weaver, E.M.: Letter on Coast Defense **51**, 587.
Weaver, J.B. (artist): Bust of Admiral. C.W. Nimitz--July 1966 Cover.
Weaver, L.H.: Military Profession and International Organization for Security **524**, 1299.
Weaver, W.D.: Electrical Counter and Shaft Revolution and Direction Indicator **57**, 91.
Webb, E.L.: Life Insurance Applied to Naval Service **238**, 2107.
Webb, H.J.: Uniform Code of Military Justice **569**, 723.
Webb, J.R.: Retention and the NAS Nugget (C&D) **829**, 106.
Webb, J.W. **342**, 1103.
Webb, James H.: Turmoil in Paradise: Micronesia at the Crossroads **833**, 26. **837**, 89.
Webb, L.D.
Material Aspects of Air Navigation **355**, 1285.
New Airplane Propeller Construction Methods **335**, 122.
Webber, R.H.
Book Review **749**, 120.
Co-author: See: R.M. Basoco; J.C. Roberts.
Kashin-Class Missile Frigates (ProfNote) **748**, 138. **751**, 116.
Weber, G.K.: Value of Engineering Competition **323**, 33.
Weber, G.K., and Styler, C.W.: Standing One **273**, 2110.
Weber, R.L.: Electric Plant of the Battleship Tennessee **198**, 1397.

Webster, D.A.: Get a Higher Bridge (anec) 725, 41.
Webster, E.M.: Coast Guard Communications 315, 433.
Webster, H.O. 683, 109. 729, 104.
Berth 124, Destroyer Fire Pier One 651, 489.
Book Review 743, 114.
Crisis in Communications 678, 27.
The Message Gap 723, 29. 729, 97, 98.
Wide Approach (anec) 666, 81.
Webster, James: Disciplining the All-Volunteer Force 861, 33. 865, 77, 78.
Webster, S.N. 298, 1329.
Webster, W.: Cruiser 278, 607.
Weddle's Rule, and some new approximate formulae for areas. W.W. Johnson 139, 871.
Weed, R.: Battle of Virginia Capes, 1781: 446, 524.
Weehawken (U.S.)
See also: Old Navy.
The Monitor Weehawken in the Rebellion. B.W. Loring 37, 111.
Weeks, R.G. (photog.): Braunschweig F-225—January 1975 Cover.
Weeks, R.S.: Good Man--Hate to Lose Him (anec) 749, 67.
Weems, C.B.: Against All Enemies (Hanks) (C&D) 810, 96.
Weems, G.B. 723, 121.
Solomons Battle Log 714, 81.
Weems, P.V.H. 323, 82. 334, 1129. 342, 1136. 349, 459. 358, 1847. 361, 471. 363, 735. 369, 1674. 370, 1777. 381, 1601. 394, 1846. 396, 252. 410, 558, 563. 424, 938. 439, 1333. 461, 1014. 463, 1315. 464, 1467. 472, 854. 473, 1010. 478, 1760. 497, 893. 511, 1090. 551, 106. 600, 207. 610, 1372. 627, 586. 650, 444. 715, 112.
Aerial Navigation 314, 315.
Air Almanac 358, 1782.
Air Force Navigation, 1948: 554, 429. 560, 1179.
and R.E. Jasperson 659, 94.
One-Body Fix (ProfNote) 652, 680.
and Mang and Elder: Strength Tests 347, 91.
and P. Miller: Graphical Solution of Reduction to Meridian Problem 492, 175.
and P.H. Wilkie: Horison Sights 498, 1007. 503, 81.
Averaging Bubble Sextant Observations 436, 861.
Azimuth and Altitude Correction Nomogram (C&D) 797, 107.
Book Review 751, 125.
Bubble Sextant Altitude Corrections 477, 1583.
Captain Thomas Hubbard Sumner of Sumner Line Fame 419, 61. 423, 735.
Celestial Navigation Is Basic (C&D) 776, 107.
Columbus Landed on Caicos (Verhoog) (C&D) 627, 586.
Computed Azimuth 335, 17.
Decommissioning Destroyers at Philadelphia 241, 449.
Democracy in Retrospect 179, 69.
and T.L. Thurlow: Earth's Rotational Effect on Bubble Sextant 452, 1420.
Electric Chlorine Indicator 195, 775.
Feed-water Temperatures 193, 383.
Form Suggested for Line of Position 317, 586.
High Speed Celestial Navigation in Polar Regions 593, 781.
Inner Space Navigation (ProfNote) 750, 140.
Lindbergh Flight, 1933: 375, 672.
Line of Position 291, 575, 638.
Modern Air and Marine Navigation 446, 490.
Navigator's Notebook 273, 2138.
New Navigation Computers 481, 378.
Peace-time Navy and Merchant Marine 236, 1731.
Polar Celestial Navigation 369, 1609.
Position Finding by Planets 449, 967.
Possibilities of Adjustable Rate Clock 305, 551.
Present Status of Air Navigation 361, 399.
Shall We Outgrow Panama Canal? 251, 7.
Short Cuts for Moon Sights 318, 672.
Space Navigation 717, 85.
Space Navigation--How It Works (ProfNote) 683, 148.
Speaking of Horizons 372, 202.
Struck by Lightning 572, 1073.
Taking Sights Without a Visible Horizon (C&D) 767, 105.
Technical Journal and Universal Plotting Chart (ProfNote) 734, 136.
Terrestrial Triangle 386, 533.
Weems Naviders (ProfNote). D.A. Paolucci 758, 162.
Yacht Chart Navigation (ProfNote) 655, 1024.
Weems, Mrs. P.V.H. (M. Thackray) 381, 1615. 384, 264. 396, 271.
Weetmoe (yacht) 344, 1450.
Wegener, Edward
A Baltic Squadron for NATO? 851, 63. 856, 99.
Book Review 889, 88.
Theory of Naval Strategy in the Nuclear Age (NavRev) 831, 190.
Wegner, D.M.
Commodore William D. "Dirty Bill" Porter 888, 40.
Little Egypt's Naval Station (OldNav) 829, 74.
Wehrmeister, R.L.: Divine Wind Over Okinawa 652, 633.
Weight of Sea Water. J.B. Scarborough 326, 299.
Weights and Measures: See: Metric System.
Wei-Hai-Wei
The Capture of. 73, 209.
Capture of Wei-Hai-Wei and the Chinese Fleet in the Japanese War in 1895. W.L. Rodgers (Maps) 113, 97.
Weil, C.A. 427, 1345.
American Way of Peace or War 483, 674.
Landlocked Waters in War 467, 18.
Weil, C.M.: Naval Gunfire Today and Tomorrow (C&D) 777, 102.
Weil, D.B. 694, 107.
Weil, J.A.: Cinque Ports 564, 177.
Weinert, P.D.: Strategic Mobility: Impetus for a Southwest Passage (Dindinger) (C&D) 883, 82.
Weintraub, S.P.: Ship-to-Ship Probe Fueling (ProfNote) 776, 133.
Weir, J.F.R.: Royal Malaysian Navy (ProfNote) 782, 124.
Weir, T.E. 556, 706.
Weir's Azimuth Diagram. W.L. Maxson 345, 1542.
Weiser, J.W. (Joint author): See: R.A. Komorowski.
Weiser, S.J.: NROTC Plight (C&D) 756, 104.
Weisser, Ulrich (co-author): See: Michael Salitter.
Weiss Oil Engine: Description 189, 2633.
Welanetz, L.F. 445, 417.
Welborn, M.C.: Naval Contributions to Aeronautical Science, 1908-1913: 546, 991.
Welch, J.W. 389, 1009. 436, 931. 440, 1529. 446, 501. 573, 1257.
Intership Communication 405, 1597. 408, 254.
Ocean Tow 408, 207, 294.
Our Oceanic Ills 440, 1417.
Signaling and U.S. Merchant Marine 395, 79. 397, 410. 399, 714. 407, 103. 414, 1166.
Welch, P.P. 353, 1063. 405, 1628. 414, 1165. 421, 379. 424, 887.
and Perry, E.B.: Unruly Rules of Road 375, 641.
Sea Manners and Maneuvering Instructions 396, 225.
Survey of Authors of Naval Institute Proceedings 423, 654.
Tsushima and Jutland 329, 591.
Uniform Jig for Jersey 402, 1169.
Welch, R.V.: Development and Problems in Carrier-Based Fighter Aircraft (Holmquist) (C&D) 812, 86.
Welch Fusiliers 290, 517.
Welcome to the War. R.D. Heinl, Jr. 793, 58. 797, 119, 120. 798, 111.
Welden, F.: Notes and suggestions in re navy paper work 197, 1221.
Weldin, G.C. 363, 733. 369, 1636. 372, 257. 377, 1002. 384, 250, 252. 387, 706-7. 390, 1166. 393, 1691. 394, 1848. 395, 99. 396, 249.
In Alaskan Navy 353, 1050. 355, 1301. 358, 1796.
Welding
See also: Naval Architecture.
Aluminum 213, 1858. 278, 760.
Arc Welding. R.G. Skerrett 195, 836.
Atomic Hydrogen 297, 1226.
Duralumin Welding. W. Nelson 289, 360.
Electric 215, 114. 216, 273. 271, 1669. 273, 2173. 287, 100. 310, 1093. 342, 1108. 344, 1418.
Electrically Welded Ship 188, 2426.
Nickle and Alloys 246, 1358.
Riveting and. 247, 1546.
Simpson Welding Process 142, 784.
Testing 214, 2029.
Testing the relative strength of welded and riveted hulls 185, 1640.
Thermit 203, 133.
Welds and. 210, 1346.
Welds Tested. T.P. Watts 337, 403.
Welland, R.P.: Patriotic Canadian Sailor (anec) 774, 53.
Welland Canal 345, 1576.
Deepening the Welland Canal (1913): 148, 1778.
Wellborn, Charles, Jr. 631, 1053. 642, 875.
Weller, D.M.: Salvo--Splash! Development of Naval Gunfire Support in World War II: 618, 839. 619, 1011.
Weller, G.H.: Linguistic Experts (anec) 640, 643.
Weller, Jac: Gibraltar: Monument to Seapower 824, 27. 840, 94.
Weller, Jac, and Sir Frederick Hervey-Bathurst: His Majesty's Stationary Sloop-of-War 674, 73. 680, 104.
Wellershoff, I.M.: The Sexually-Integrated Warship (Burnett) (C&D) 897, 77.
Welles, G. 407, 40.
See also: Franklin Hanford: How I Entered the Navy.
Administration of Gideon Wells. In Paullin, C.O.: Naval Administration 145, 165. 146, 735.
Morgan Purchases. R.S. West, Jr. 443, 73.
Watchful Giedon. R. West 402, 1091.
Wellings, T.F. 446, 572.
Wellington, A.W.: On Duke of Wellington. Shop Philosopher 403, 1277.
Wellington, Attempt to Save (OldNav). M.F. Willoughby 782, 130.
Wellman, J.B. 202, 2061. 325, 226. 584, 1103.
Wellman, W. 244, 940.
Wells, A.W.
Patrol Guerrilla Motor Boats (C&D) 747, 121.
Small Craft Firepower in Vietnam (C&D) 758, 130.
Wells, F.H.
Chinese Lines of Communication and Their Effect on Strategy 381, 1519.

Wells, F.H. (Cont.)
Chinese Mariners' Compass, Charts, and Methods of Navigation **373**, 359.
Pioneer Builders of Giant Ships **366**, 1175.
Wells, G.A.: The Airborne Destroyer (Marshall) (C&D) **857**, 84.
Wells, Linton, II
Book Review **776**, 113.
USS Tumcumcari (PGH-2) (ProfNote) **787**, 130.
Wells, R.D.
The Icy "Nyet!" **782**, 73.
Naval Arctic Research Laboratory **799**, 39.
Persuading the U-Boats **742**, 52.
Port of London Authority (Pict) **823**, 64.
Soviet Submarine Force (Pict) **822**, 63. **826**, 91.
Soviet Surface Combatants (Pict) **797**, 87. **801**, 120, 121, 122.
Surveying the Eurasian Arctic **764**, 79.
Wells, R.W.: Soviet Black Sea Fleet (ProfNote) **775**, 136.
Wells, W.B.: On U.S. Naval Academy Training **139**, 1033.
Wels, R.H.: C/O Fleet Post Office, San Francisco **552**, 193.
Welsh, J.K., Jr.: Midlink Three (ProfNote) **700**, 126.
Welsh, J.W.: Supersonics and Aviation Medicine **550**, 1533.
Welte, C.R. **708**, 114.
Credible Incentive (C&D) **740**, 97. **742**, 107, 110, 111.
Wembly Exposition, 1924-25: **271**, 1758.
Weymss, Sir Rosslyn
Appointed First Sea Lord **180**, 368.
The First Sea Lord. A. Pollen **181**, 604.
Wendel, W.H.: Raw Materials Distribution **479**, 81.
Wendt, K.C.: Engineering Plant Automation (ProfNote) **805**, 115.
Wendt, W.R. **584**, 1114. **621**, 1280.
At Loggerheads in "Cold" War **567**, 519. **571**, 1027.
Nuclear Ship Traffic in World Seaports **707**, 43.
Outlaw Atomic Bomb? **553**, 334.
Wenger, J.N.: More Thoughts on Selection **401**, 961.
Weniger, Kapitän-zur-See of König (Ger.) **405**, 1611.
Wentworth, R.S. **605**, 793. **676**, 115.
Government of Japan **331**, 795.
International Rules of Road, 1948: **602**, 382.
Wermuth, A.: Civilian Control of Armed Forces **622**, 1341.
Wermuth, A.L.
Deputies of Zeus: Morality and the Vietnam War **858**, 26. **861**, 92. **862**, 84.
Dollars and Sons **678**, 73.
Youth Wants to "No!" **833**, 50.
Werner, H.O. **527**, 83. **529**, 339. **531**, 593. **533**, 846. **540**, 228. **555**, 597. **556**, 715. **560**, 1183. **561**, 1299. **570**, 918. **678**, 110.
Breakthrough at the U.S. Naval Academy [new curriculum] **728**, 54.
Chester William Nimitz, 1875-1966 (C&D) **766**, 135.
Fall of New Orleans, 1862: **710**, 79.
Wesche, H.H.: Admiral Makarov: Attack! Attack! Attack! (C&D) **768**, 120. **771**, 125.
Wesler, J.E.: Let's Change the Rules **676**, 35. **679**, 104.
Wesleskey, A.E.
"Seawolf" Helo Pilots of Vietnam (ProfNote) **783**, 128.
They Are Not Expendable (ProfNote) **824**, 106.
Wessels, H. **203**, 140.
Wessman, R.L. **695**, 116.
Wessmann, R.L.: Who Won That War? (anec) **694**, 89.
West, Christopher: Letter From Trafalgar (OldNav) **851**, 71.
West, E.F.: Carrier Curiosities (Pict) **857**, 97.
West, F.J., Jr.: Stingray '70: **801**, 26. **806**, 101.
West, R.N.
Against All Enemies (Hanks) (C&D) **809**, 96.
The Coast Guard Approaching the Century's End (How) (C&D) **860**, 89.
West, R.S., Jr. **324**, 170. **328**, 569, 571. **329**, 670-71. **331**, 878. **334**, 1161. **337**, 419. **344**, 1434. **350**, 602-3. **382**, 1764. **389**, 1019. **394**, 1857. **440**, 1486. **442**, 1775. **472**, 861. **473**, 1008. **488**, 1360. **489**, 1485. **490**, 1607. **491**, 67. **497**, 897, 899. **498**, 1024. **502**, 1515. **509**, 838. **517**, 445. **527**, 83. **528**, 210. **531**, 589. **534**, 983. **540**, 223. **542**, 487. **551**, 103. **563**, 94. **565**, 331. **570**, 917. **575**, 92. **576**, 204. **587**, 94. **608**, 1137. **620**, 1168. **624**, 223. **648**, 214. **654**, 899. **677**, 111. **693**, 117.
Admiral Farragut and General Butler **640**, 635.
Barrington on Leeward Station **475**, 1288.
Beginning of Coast Survey **387**, 665.
Book Review **772**, 116.
Morgan Purchases **443**, 73.
Navy and Press During Civil War **407**, 33. **411**, 709.
"(Private and Confidential) My Dear Fox--" **411**, 694.
Relations Between Farragut and Porter **389**, 985.
Superintendents of Naval Academy **509**, 801.
Watchful Gideon **402**, 1091.
West, W.E., Jr. **528**, 201.
West Alsek (SS) **320**, 903.
Westberg, E.L.: Two Voyages of the Wasa **793**, 63.
Westbridge (U.S.) **411**, 632. **414**, 1169.
Westcott, A.F. **243**, 892. **248**, 1766. **290**, 504. **313**, 259. **317**, 655. **334**, 1161. **335**, 138. **346**, 1733. **350**, 602. **358**, 1845. **371**, 112. **387**, 717. **389**, 1018. **394**, 1854. **395**, 111. **396**, 268. **397**, 420. **398**, 570. **399**, 720. **400**, 870. **488**, 1364. **489**, 1483. **490**, 1609. **491**, 69. **494**, 445. **495**, 573, 575. **496**, 707. **497**, 900. **499**, 1155. **500**, 1267. **501**, 1393. **502**, 1513. **504**, 218. **505**, 328. **506**, 445. **508**, 718. **509**, 837. **511**, 1088. **512**, 1227. **514**, 1502. **517**, 448. **519**, 713. **522**, 1093. **526**, 1595. **530**, 459. **533**, 845. **534**, 981. **537**, 1384. **538**, 1510. **547**, 1197. **604**, 703.
Captain "Mad Jack" Percival. **385**, 313. **388**, 855.
Commodore J.D. Elliott **307**, 773.
Functions of Office of Naval Operations. R. Castex **214**, 1987.
Joint translator: See: Gill, C.C., and Westcott, Allan F., Trs.
Sea Words on Shore Duty **281**, 1330. **283**, 1792.
Translator
Bernotti, Romeo: Forecasts and Reality in the Naval War **180**, 317.
Degouy, Contre-Amiral: Zeebrugge **185**, 1647.
Tripolitan War (R.T. Spence Letter) **242**, 625.
Two Colleges and the Naval Academy: A Comparative Study **161**, 139.
Westcott Memorial Essay: See also: Burza Was a Destroyer; Naval Institute.
Westerly (SS): Sunk in Collision **184**, 1375.
Western Hemisphere Map, 1540: **538**, 1177. **481**, 403.
Western Rivers. H.G. Telsey **496**, 653.
Western Sea Power: Where is the Western Navy? The World Wonders. Hans Garde **866**, 18. **870**, 84. **875**, 77.
Westervelt, G.C.
Design and Construction of the N.C. Flying Boats (illus) **199**, 1529.
Minimum Navy Yard Manufacturing Costs **148**, 1619.
Possibilities of Transpacific Flight **207**, 675.
Westfalen (Ger. SS) **427**, 1255.
West Germany
Navy: Missions and Concept of the Federal German Navy (ProfNote). Karl-Heinz Reichert and Franz-Dieter Braun **874**, 96. **878**, 90.
West German Defense Posture for NATO Reviewed (Nbk) **813**, 106.
West Germans Plan Undersea Living (Nbk) **796**, 158.
West Germany, a Candidate for Membership in NATO. Howard E. Orem **627**, 515.
West Germany to Double Submarine Fleet (Nbk) **800**, 157.
West Indies
See also: Names of Island Groups.
American Interests in. E. Colby **338**, 468.
English Naval Bases **318**, 734.
Evolution of Caribbean Strategy. C. Moran **469**, 365.
Hurricane Security. I. Olch **383**, 28.
Map **475**, 1290.
Pioneer Flight: St. Lucia, St. Vincent, and Grenada by Air. W.R. Gherardi **318**, 706.
Ports in the West Indies. C. Belknap **35**, 799.
Virgin Islands **202**, 2100. **207**, 783.
Virgin Islands of U.S. W.L. Thompson **314**, 289.
Westinghouse Opens Ocean Research Center (Nbk) **779**, 152.
Westlake, W.R.
P-3 Orion: A Politico-Military Instrument (ProfNote) **813**, 99.
Pentagon's Whiz Kids (C&D) **761**, 115.
West, The Near. H.W. Bergbauer, Jr. **808**, 47. **816**, 84.
Weston-super-Mare (Eng.) **356**, 1524.
Westover (U.S.) **411**, 631.
Torpedoed **186**, 1934.
West Point: See: Military Academy.
West Virginia (USS) **231**, 821. **353**, 1068.
Illustration **179**, 111.
West Virginia (BB-48): Destruction of the Battle Line at Pearl Harbor. T.C. Hone **898**, 49.
Westward Ho (U.S.) **414**, 1170.
Westwood, J.T.: Surface Effect Ships in the Surface Navy (Truax) (C&D) **856**, 93.
Wetherbee, C.P.: High Pressure Steam for Marine Installations **305**, 606.
Wetherhorn, L.M.: A Loot at the Nikolaev (Fisher) (C&D) **860**, 92.
Wetjen, A.R. **436**, 931.
Wetmore, S.B. **608**, 1132.
Never Borrow an Admiral's Barge (anec) **783**, 77.
Wetmore, W.B.
Did not the American Navy invent and use the first dreadnought? (illus) **132**, 1259.
Letter regarding USS Onodaga, An early "dreadnought" **135**, 855.
Wettern, Desmond **672**, 146. **698**, 111.
Admiralty Has Long Ears (anec) **680**, 79.
All Quiet for the Oysters (ProfNote) **671**, 138.
Britain's New Defence Policy: Its

Significance to the Royal Navy 765, 60.
Britain's New Frigates (ProfNote) 654, 906.
Britain's Ocean Weather Service (ProfNote) 669, 132.
British Pacific Veterans for Scrap (ProfNote) 651, 565.
Coming Cold War on the Sea Lanes 714, 64.
Cuban Exodus (C&D) 773, 108.
Efficiency in the Royal Navy (ProfNote) 693, 139.
Fair Game (anec) 696, 67.
50-Knot Patrol Boat (ProfNote) 701, 124.
Fleet Air Arm, Royal Navy (Pict) 701, 78.
Gas Turbines for Warships (ProfNote) 770, 137.
How to Tie a Hammock Bend (anec) 682, 65.
Kuwait Shows Royal Navy's Limited War Potential (ProfNote) 707, 143.
Last Shall Be First (anec) 696, 41.
NATO's Northern Flank 797, 52.
New Boats for the Royal Navy's Submarine Service (ProfNote) 675, 146.
984 Means Big Rise in Interception (ProfNote) 686, 142.
North Sea: Drilling Oil in Troubled Waters 898, 40.
Phantom Fleet (ProfNote) 757, 143.
Queen's Regulations (anec) 695, 97.
Rank Still Has Its Privileges (anec) 661, 85.
Reds Prove Cooperative (ProfNote) 661, 137.
Royal Navy and the Continuing Commitments 822, 18.
Royal Navy Recruits Officers (ProfNote) 696, 146.
Royal Navy's Missile Destroyers (ProfNote) 698, 132.
Scapa Flow--1913-1957: 658, 1320.
Twenty-four Fathoms--Underground (ProfNote) 829, 121.
Wetting a Commission: Origin 311, 16.
Weyel, E.: The Protection of Cruisers 48, 142.
Weyerbacher, R.D.
Cooperation of air forces in coast defense 330, 692.
Proposed Functions of Naval Aircraft Factory 286, 2428.
Weymouth, Ralph 649, 333. 673, 106.
Whaleboat, Marietta's Missing 377, 951.
Whale Island Gunnery School, England 407, 105.
Whalen, F.R. (artist)
Harold E. Holt towing the Mayaguez--November 1976 Cover.
Missile-launching ships--October 1977 Cover.
Whales and Whaling
Fights: Truth Is Stranger Than Fiction. J.E. Pond 439, 1309.
Memorial to Whaling. E.S. Clark, Jr. 399, 655.
Museum, Sandwich, Mass 448, 916.
Vanished Fleet. A.C. Smith 433, 375.
Whale Shark on the Stem. Vining A. Sherman 626, 441.
Whaling Expeditions, Norwegians Discontinue Antarctic (Nbk) 804, 123.
Whaley, Donald W.: One Good Turn Deserves Another (anec) 626, 425.
Whampoa Academy. J.H. Herzog 782, 46.
Wharton, J.C. 280, 1177.
Wharton, W.S. 396, 265. 398, 571.
Navy, a National Investment 261, 1833.
Old Oregon Gets New Home 429, 1628.
Our Chinese Navy 263, 68.
Ships That Are No More 277, 464. 280, 1177.
Swallowing Anchor for Taxes 457, 384.
Taking Navy to People 250, 2010.
Tenochtitlan--Naval Classic 453, 1537.
Ward--Man and Ship 525, 1457. 528, 203.
Whatley, J.L.: Why Not A Naval Medical School? 747, 64. 751, 116.
What Price Leadership? L.C. Dunn 326, 323.
What Price Pacifism? C.A. Tinker 286, 2458.
What We Don't Know Can Hurt Us. J.F. Calvert 671, 55.
Wheal, C.A.: Simulators in Flight Training: A Pilot's View 884, 50. 889, 84.
Whealer, F.K.B.: Canal Diplomacy and U.S. Interests (Ryan) (C&D) 897, 85.
Wheat
Conference 341, 987.
Shipment in Windjammers 351, 777. 353, 1083.
U.S. Sales 345, 1588.
Wheeler, C.J.
Deep Six on the Yangtze (OldNav) 896, 58.
We Had British Where We Needed Them 526, 1583.
Wheeler, G.E. 693, 105.
Book Review 733, 120.
Digging the "Big Ditch" (Pict) 625, 317.
Last Day of Captain Cornelius M. Schoonmaker (OldNav) 643, 1022.
Naval Aviation in the Jet Age (Pict) 657, 1214.
Naval Aviation in the Korean War 653, 762.
Naval Aviation's First Year 699, 89.
Wheeler, R.V., Jr. and S.H. Kinney 624, 214. 629, 827. 630, 937.
Promotion of Career Officers 616, 637. 617, 761. 619, 1044.
Wheeler, S.A. 601, 317. 650, 445.
California's Little Known Channel Islands 493, 257.
Holdup of SS Buckman 447, 644.
Japan, Lost Merchant Fleet of 646, 1295.
Salvage of Newfoundland Mail 470, 529.
Shipowner Must Mend His Ways 422, 552.
Wheeler, W.J.
Can We Really Afford Surface ASW Ships? (Alexander) (C&D) 861, 103.
Only Landlubber (anec) 558, 879.
Weatherwise and Otherwise (anec) 562, 1393.
World War Convoy Work 315, 385.
Whelan, D.W.: Polaris Logistics (ProfNote) 762, 138.
Whelan, M.J.
Book Reviews 885, 85. 898, 93.
Gorshkov's The Sea Power of the State (C&D) 880, 81. 889, 79.
Morskoi Sbornik and the Gorshkov Series (C&D) 854, 98.
Whelpley, Don
Always Look Before You Forecast (anec) 666, 66.
"Charlie, What Have You Done?" (anec) 664, 71.
When Navy Railroaded in China. G.R. Clark 294, 846.
When Rate of Change of Bearing is Maximum. H.K. Fenn 340, 793.
Where Do We Stand? C.G. Moore 335, 40. 337, 394.
Which Way Is Up? J.J. Dougherty 778, 76. C&D: 782, 95.
Whidbey Island: See: Mauldin, D.B.
Whidden, W.V.
Case for the Carrier 821, 24.
Future of the "Second Segment" 741, 76.
Perspective On Sea-based VTOL (ProfNote) 813, 95.
Time to Switch to Filters (anec) 723, 123.
Whipple, A.: Navy's Forgotten Hero. H.S. Mazet 409, 347.
Whipple, H.T.: Automation: The Bitter Pill (C&D) 781, 115.
Whippoorwill (U.S.): Captain of "Whip." C.A. Ferriter 477, 1567.
Whirly Birds, Small Boys and. D.P. Ryan 804, 26.
Whisker Advertisement, Civil War Period 391, 1349.
Whistle Argument: Analysis and Plan. R.F. Farwell 542, 473.
Whistle, Visible Air 265, 486.
Whistler, G.N.: Test of Brown Segmental Wire Cylinder 59, 529.
Whitaker, F.H.: Oklahoma: Up from the Mud at Pearl Harbor (Pict) (C&D) 882, 81.
Whitaker, Herman: With the American Fleet 188, 2445.
Whitcroft, T.H. 500, 1263.
Sonic Sounding 480, 216.
White, C.E. 697, 115.
Combat Readiness Training (Kusewitt and Speer) (C&D) 809, 96.
Project WAGON (ProfNote) 810, 121. 818, 92.
White, E.C.: Alabama--Great Name in Fighting Ships 474, 1079.
White, G.H.
Book Review 745, 111.
Maladie de Paix 751, 78. 755, 111. 756, 109.
Officer Appraisal in the Armed Forces (C&D) 754, 112.
White, G.R. 304, 509.
White, H.C. 701, 106.
The Cruise of the Tigress 1, 39.
White, H.C., and R.J. Massey 710, 106. 715, 108.
Program Packages--Opportunity and Peril 706, 23.
White, H.K.: The White Straight-pull Rifle 66, 185.
White, H.P. 584, 1104.
White, J.F., Jr. 565, 328.
Admiral Sir Percy Scott and British Naval Gunnery 554, 449.
White, J.J.: Oceanic Education Is Needed For Our School Systems (Simmers) (C&D) 862, 82.
White, J.M.
AcToV--U.S. Navy's Accelerated Turnover Program (ProfNote) 804, 112.
The Military and the Media 857, 47. 863, 82.
Seven Days in July 827, 37.
White, L.A.
Book Review 845, 101.
Code of Conduct for the Fishing Grounds 745, 76.
Don't Throw Away Your Sextants, Boys, the Stars Will Rise Again! 750, 54.
Our Icebreakers Are Not Good Enough (C&D) 761, 122.
U.S. Coast Guard: Where Do We Go From Here? 803, 48. 808, 106.
White, M.W.D.: You Have Been Away From Home a Long Time (anec) 851, 62.
White, P.A. (BkRev) 895, 99.
White, R.
Taps for Famous Beauty of Navy 447, 701. 449, 1019. 453, 1679.
$2,000 Month Pilots 568, 641.
White, R.D. 312, 137.
The Constant Bearing: Its Theory and Application 166, 1941.
Destination Nowhere: Twilight of the Lightship 877, 64.
Hauling 'em off before dinner 209, 1079.
Leadership 219, 655.
Message Signalling in the Fleet 140, 1263.
With the Baltic Fleet at Tsushima (diagrams) 118, 597.

White, Richard D., Tr.: Refloating of the R.N. San Giorgio (illus) **160**, 1933.
White, R.H.: Why Go Regular Navy? **610**, 1346.
White, Sir W.
Address on Building of Ships **92**, 881.
On Marine Propulsion **143**, 1160.
White, T.M., Jr. **698**, 98.
White, U.S.G.
Tides: Their Cause **21**, 467.
The Want of Docking Facilities in Our Navy Yards **13**, 265.
White, W.T. and B.H. Mandell: Sparrow I--Epoch in Missilry (ProfNote) **658**, 1366.
White, William R.: Wasted Horsepower and Economical Trim **133**, 195.
White Flash (motor ship) **345**, 1576.
Whitehead, B.S., Jr. (photog)
A Chain of Ships (Pict). E.F. Oliver **801**, 92.
Cutty Sark--December 1976 Cover.
Whitehead, Edward: How To Succeed...By Really Trying **748**, 68. **753**, 113.
Whitehead Torpedo
Description of. W.J. Sears **80**, 803. **85**, 89.
Whitehill, W.M.
Book Review **744**, 122.
Joint author: See: King, E.J.
Whitehouse, Cope: Moeris: the Great Reservoir of Middle Egypt **33**, 325.
White House Telephone and Crisis Management. R.T. Loomis **802**, 63.
Whitehurst, C.H., Jr. **730**, 118.
Do We Really Need a U.S. Merchant Marine? (C&D) **760**, 121.
Merchant Marine: Rationalize or Nationalize (Kendall) (C&D) **835**, 96.
The National Defense Reserve Fleet: Past, Present, and Future **888**, 26. **899**, 84.
Whitehurst, E.H.: Possible Allergy (anec) **644**, 1053.
Whitely, J.E., Jr.
DER in MARKET TIME (C&D) **781**, 111.
Take Care of Your Men (C&D) **734**, 108. **739**, 114.
White Sands (U.S.) **825**, 101.
Whitemarsh, R.P. **394**, 1855.
Ballasting Navy Tanker **360**, 193. **382**, 1755.
Great Sea Waves **378**, 1097.
Whitfield, H.W.: The Helicopter: Hazardous at Any Height (Baker) (C&D) **818**, 95.
Whitham, J.M.
Cylinder Diameters of Marine Compound Engines **30**, 497.
Surface Condensers **24**, 303.
Whither? Some Aspects of Present Policy. B. Livingston **289**, 289.
Whiting, D.B.: Link Celestial Navigation Trainer **495**, 527.
Whiting, F.E.M.
Application of Our Publicity Policy **343**, 1169.
Paper Work **276**, 294.
Whiting, Kenneth: USS Porpoise and Ken Whiting (OldNav). George Van Deurs **835**, 80.
Whitmire, D.B. **651**, 551.
Whitney, P.C.: Prediction of Tides **454**, 1720.
Whitney, W.C.
Endorsement on Report of Trial of Dynamite Gun **49**, 386.
Half Century of Naval Administration. C.O. Paullin **147**, 1257.
Whitshed (Eng.) **347**, 125.
Whittaker, G.S. **716**, 106. **726**, 106.
Whitted, W.S.: Old Naval Auxiliary Service **305**, 592. **311**, 50.
Whitten, R.C.: Against All Enemies (Hanks) (C&D) **809**, 95.
Whittet-Thompson, David: Matthew Henson: A Personal Memoir (C&D) **824**, 97.
Whittle, A.J., Jr.: Civilian Command or Control? (C&D) **789**, 107.
Whitton, J.B. **292**, 696.
Whiz Kids: Pentagon's Whiz Kids. R.J. Stillman **758**, 52. **751**, 114, 115. **764**, 123, 124, 125.
Why Don't They Stay In? O.O. Kessing **246**, 1255.
Why Quantico? J.S. Breckinridge **309**, 969.
Why Should Naval Officer Study American Foreign Policy? L.P. Lovette **327**, 426.
Why They Roll. M.E. Serat **345**, 1488. **347**, 107.
Wichels, E.D. **651**, 556.
Wickenden, W.E.: Progress in Study of Engineering **279**, 1022.
Wickes (USS): Launched **187**, 2104.
Wicks, D.H.: Past and Future Grandeur: The 1893 Naval Review (OldNav) **880**, 72.
Wicks, Z.W.
Destruction of the Flanders Triangle **197**, 1093.
Loss of the Motor Vessel Sebastian **178**, 2917.
Wicomico (tug) **282**, 1620.
Widder, R.I.
and V.O. Hoehne: Dolphins: "Like an Arrow They Fly Through the Sea" (C&D) **755**, 116.
The Only Option? (Lowe) (C&D) **830**, 96.
Wiedersheim, W.A., III
Factors in Growth of Reichsmarine (1919-1939): **541**, 317.
Officer Personnel Selection in German Navy, 1925-1945: **530**, 445. **533**, 839.
Wiegley, R.D.: The All-Volunteer Army: Too High a Price (Kohn) (C&D) **858**, 92.
Wien (Aust BB) **310**, 1035.
Sunk **179**, 174.
Wienpahl, R.W.: HMS Bounty (OldNav) **738**, 170.
Wiesbaden (Ger. cruiser): Sunk by German Revolutionists **190**, 2871.
Wieschhoff, K.H.: Career Development for the Naval Flight Officer (C&D) **788**, 104.
Wiese, Andreas (BkRev) **877**, 130.
Wiesnet, D.R.: The Coast Guard Approaching the Century's End (How) (C&D) **859**, 99.
Wiggers, R.P., Jr.: Astronaut Corps, Above and Beyond **836**, 46.
Wiggs, G.E.: Sine Qua Non of U.S. Sea Power: the Merchant Ship (C&D) **752**, 107.
Wight, W.E. (editor): See: T.M. Brumby.
Wilbur, C. **304**, 529.
Wilbur, C.D. **304**, 529.
Assumes Naval Portfolio **255**, 828.
Commerce and Flag **296**, 1049.
Navy Day Address **263**, 125.
Wilbur, Curtis D.: "I Think of Him" [C.F. Hughes] (OldNav) **854**, 92.
Wild, E.: Extract from Diary, 1781: **305**, 569.
Wildberger, A.M.
Conning the Computer (Mehmel) (C&D) **882**, 75.
Officer Educational Specialist--A Proposal (Washbush and Hess) (C&D) **837**, 90.
Wile, F.W.
Battle Over Air vs. Sea Craft **262**, 2084.
Move to Placate Japan **264**, 299.
Navy Up to Par Coolidge Believes **265**, 481.
Washington Bombing Test Report **266**, 655.
Wilbur, H.D. **664**, 108.
Canadian Cyclic System (C&D) **784**, 112.
Wiley, H.V.
Celestial Cruise **266**, 604.
Dead Reckoning **315**, 475.
P.V.T. Prime Take Hop **311**, 33.
Wilbur, Ted (artist)
Carrier Aircraft Launch of A-5 Vigilante--July 1968 Cover.
NC-4 at Trepassey Bay, Newfoundland--May 1969 Cover.
"Paint and Pluck--and the NC-4" (OldNav) **795**, 146.
Wilcombe, J.E.: Stickler for Formality (anec) **763**, 41.
Wilcove, Raymond: Operations of the Rude and the Heck (ProfNote) **816**, 95.
Wilcox, A.M. **698**, 104. **706**, 110.
Cuba's Place in U.S. Naval Strategy **718**, 39.
Wilcox, B.C., Jr. **704**, 112.
Wilcox, E.E.: Back Door in Pacific **564**, 187.
Wild, P.S., Jr.
Development of International Law **442**, 1702.
Recent Trends in International Law **443**, 18.
Wildberger, A.M.: NROTC: Quo Vadis? (Bouffard) (C&D) **896**, 68.
Wild Cat (U.S.) **377**, 950.
Wilde, C.O. (co-author): See: O.A. Hahs.
Wilder, H.L.B.: Midshipmen's Foreign Exchange Cruises **824**, 50.
Wildman, C.K.: Meal Station (anec) **679**, 53.
Wilds, T.: Admiral Who Lost His Fleet **585**, 1175. **605**, 784. **608**, 1131.
Wiles, I.R. (artist): W.S. Sims--February 1964 Cover.
Wiley, B.A.
Career Development for the Naval Flight Officer (C&D) **788**, 103.
Equal Opportunity, Challenge to Navy's Management **811**, 34.
Non-Judicial Punishment in the Royal Navy (ProfNote) **773**, 139.
Wiley, H.V. **406**, 1776. **425**, 1043. **484**, 876. **593**, 797.
It Happens to All of Us--Speechmaking **480**, 189.
It's a Long Long Trail to Hawaii **418**, 1737.
Value of Airships **375**, 665.
Wiley, W.A. **480**, 253. **507**, 560.
Wilhelmina (SS): The Wilhelmina Case **156**, 611. **157**, 987.
Wilhide, C.R.: Our Merchant Marine is Dying...and Nobody Seems to Care **724**, 31. **730**, 115, 118, 119.
Wilhite, Doyle: Carnival Days (anec) **687**, 146.
Wilhoite (U.S.): Trawler! (C&D) **791**, 101.
Wilkenloh, C. (joint author): See: Dyson, G.W.
Wilkenloh, C.E. **679**, 105.
Wilkes, C. **253**, 405. **257**, 1131. **341**, 867. **358**, 1837. **476**, 1369. **522**, 1073.
See also: Paullin, C.O.: Early Voyages **138**, 407.
Expedition to Wilkes Land, 1840: **134**, 465.
Exploring Expedition. G.S. Bryan **440**, 1452.
Heritage of the Navy. R.P. MacHatton **473**, 967.
Log of Flying-Fish. H.D. Norman **433**, 363.
One Hundred Years Ago. B.S. Hurst **429**, 1624.
Vincennes: World Traveler of Old Navy. L.H. Bolander **400**, 825.
Wilkes Exploring Expedition: Its Progress Through Half a Century: 1826-1876 (maps). L.N. Feipel **153**, 1323.
Wilkes (USS): Trials **103**, 670.
Wilkie, P.H. (joint author): See: Weems, P.V.H.
Wilkins, F. **620**, 1167.
Guerrilla Warfare **613**, 311.
Wilkins, G.H. **304**, 504. **306**, 710. **313**, 249.

Wilkinson, E. 314, 361.
Legal Rights of Naval Personnel Men in Inventions 258, 1266.
Wilkinson, J.B. 618, 933.
As Brave as Any Men Can Be 570, 839.
Big Bear Wets His Paws 548, 1225.
Bright Face of Valor (anec) 539, 23.
Cockles and Muscles: Operation Frankton 612, 156.
Real Reason (anec) 654, 901.
Sneak Craft Attack in Pacific 529, 279.
Tirpitz Tale 614, 375.
Too Little Too Late 516, 221. 520, 837.
What, Again? (anec) 549, 1371.
Wilkinson, Spencer
Common Sense in War 180, 299.
Thoughts on Imperial Defense 135, 912.
Wilkinson, T.S.
Four Capitals in War Time: The Hague, Rome, London, Paris 155, 71.
Military Explosives 160, 1925.
Will, J.B.
Radio Compasses 208, 851.
What Happens in an Audion 177, 2505.
Will to Win. E.M. Eller 321, 371.
Willard, Fred
Simple Arithmetic (anec) 695, 83.
So That's the Reason (anec) 692, 62.
You Can't Win (anec) 692, 80.
Willasey-Wilsey, A.P.: The Royal Marines 753, 64.
Willem, G.M.: A Doubtful Honor (anec) 737, 87.
Willett, C.F.: 24 Cubic Fleet of Supervision (ProfNote) 663, 129. 669, 110.
Willett, H.C. 377, 986.
Willett, W.B.: Communications Expert (anec) 650, 395.
Willgrube, W.W.: Portrait of Fleet Admiral Ernest J. King (C&D) 799, 101.
William and Mary College: Aviation Course 347, 137.
William P. Frye (SS)
Damages in Frye Case 157, 987. 158, 1353.
Settlement of the Frye Case 160, 2118.
William D. Porter (U.S.): Torpedo on the Starboard Beam (OldNav) C.F. Pick 810, 90.
William Penn (motorship) 252, 301.
William Rockefeller (SS): Torpedoed 185, 1659.
William Rockefeller (U.S.) 411, 630.
William II (Emperor of Germany)
Abdication 190, 2898.
Council of Four Decides on Trial 195, 853.
Williams, A.J. 250, 2087. 304, 505.
Williams, A.S.: Desertion and Its Prevention 112, 769.
Williams, Ames W. 680, 101.
Williams, B.D.: Moonlighting Toward a Master's (C&D) 789, 113.
Williams, C.C. 229, 439.
Williams, C.D., Jr.: Navy's Stake in Reserve Aviation 435, 665.
Williams, C.G. 278, 709. 331, 850.
Williams, C.H.: How Do You Like Your Eggs? (anec) 692, 80.
Williams, Charles R.: History of Discipline in the Navy 193, 355.
Williams, D. 284, 2170. 338, 561. 342, 1133.
Battle of Manila Bay 303, 345.
Coordination in Army and Navy Training 230, 593.
Higher Standard 372, 171.
Modern Field Hospital 245, 1141.
Williams, D.H.
Enforcement of the 1973 Marine Pollution Convention 886, 39.
Oil Pollution--Carelessness or Crime? (Butler) (C&D) 842, 83.
Williams, D.M.B. 692, 104.
No Future for Radiomen (anec) 695, 49.
Patriotism Through Knowledge 629, 789.
Williams, Dion
Defense of Our New Naval Stations 102, 181.
Measuring the Extension of Metals 65, 120.
Nation's Greatest Need 171, 891.
War Decorations (illus) 194, 493.
Williams, Dwight M. Bradford: Homemade Hokum (anec) 626, 443.
Williams, E.M.: Quality of Seaman Second Class 256, 903.
Williams, F.J. 290, 427.
Williams, H. 383, 97. 412, 863. 542, 484. 548, 1293. 553, 355. 576, 197. 583, 991. 586, 1340. 604, 677. 616, 695. 639, 541. 668, 103. 671, 108. 693, 108. 695, 122. 698, 112.
Administration of Industrial Work in Navy Yards 270, 1391.
Cheaper Paint for the Navy 140, 1283.
A Naval Ship's Bottom Paint (illus) 138, 513.
Navy and Committee on Conduct of War 442, 1751, 1775.
Poor Target Practice (anec) 547, 1109.
Prepare the Navy Yards for War 169, 463.
Procurement Planning for War 369, 1601. 372, 247. 376, 834.
Williams, H.B. 604, 682.
Williams, H.D.
Dangerous and Exotic Cargoes (NavRev) 843, 224.
U.S. Coast Guard and Control of Oceanic Pollution (NavRev) 879, 146. 883, 78. C&D: 887, 83.
Williams, H.G. 504, 213. 598, 1378.
Irish Navy (anec) 682, 52.
Williams, J.E. 569, 799. 630, 935.
Essentials of Radio Compass 228, 189.
Naval Academy in Transition 551, 67.
NavCad or College Grad? 830, 49. 833, 92. 837, 95, 96.
Williams, J.O., Jr.: The Naval Aviator--A Reassessment (C&D) 746, 110.
Williams, M.B. 469, 407.
Plan For All Seasons (Lyon) (C&D) 802, 108.
Williams, M.H.: Russia and Turkish Straits 591, 479.
Williams, M.R.
Sailing Vessels of Eighteenth Century 395, 9. 401, 1036.
Studding Sails Set 391, 1238.
Williams, R. 586, 1341.
Unrecorded Naval Incident of Spanish War (anec) 587, 57.
Williams, R.C., Jr.
Election of a King 430, 1761.
How to Succeed in the Construction Business By Really Trying 799, 70.
Williams, R.E., Jr. 664, 108. 681, 110.
After Vietnam 806, 18. 813, 87.
America's Moment of Truth 625, 245. 630, 935.
Book Review 756, 114.
Great Debate: 1954: 613, 247. 617, 809.
National Security and Military Policy 577, 235.
Power and America's Promise of Peace 555, 505.
Sea Power and Western Revolution 601, 239.
Task for Today: Security through Seapower 661, 23.
You Can't Beat 'em If You Can't Sink 'em 517, 349.
Williams, R.H.
Amphibious Warfare--Two Concepts 579, 467. 585, 1223.
Marine Parachute Training 461, 999.
Morale and Esprit de Corps (ProfNote) 695, 136.
Williams, R.T.: Junior NROTC Program (ProfNote) 796, 134.
Williams (USS): Launched 186, 1861.
Williamson, M.W.: Insurance Problem for Naval Officer 459, 644.
Williamson, T., Jr. 429, 1647. 441, 1676. 517, 442.
Merrimac 340, 858. 346, 1746.
Williamson, T.E., Jr.: NORAD (ProfNote) 706, 134.
Williamson, T.F. 713, 117.
Williamson, Thom 668, 107.
Williamson, W.P. 429, 1648.
Some notes on torpedo gyroscopes and their adjustment in service 161, 157.
Williamstown Institute of Politics 272, 2023, 2029, 2040. 284, 2165. 296, 1136. 308, 935. 319, 828. 335, 135.
William Ward Burrows (U.S.) 482, 499.
Williford, J.R.
ASW Replacement Air Group (ProfNote) 707, 145.
Slumbering V/STOL Program 733, 74.
Willigrube, W.W.: How to Succeed..By Really Trying (C&D) 753, 113.
Willingham, S.D. 672, 123.
Modern Submarine versus Major Warship 458, 513. 460, 855.
Willis, Sir Algernon
Air Support (anec) 780, 63.
Mare Nostrum (anec) 788, 146.
The Old Man and the C (anec) 829, 61.
Willis, E.J. 288, 189.
Willis, H.C. 693, 107.
Willis, J.R.: Gunner Twain (anec) 707, 68.
Willis, J.W. 785, 106.
Incentive Awards for Creative Thinking (ProfNote) 781, 135. 785, 106.
Willits, A.B.
Gas vs. Steam for Marine Motive Power 128, 1099.
Notes on Inspection Duty at Shipbuilding Works 144, 1275.
Safety and Welfare of the Workman 153, 1351.
Some Notes on Parsons Turbine Construction (illus) 131, 729.
Willkie, P.H. (joint author): See: Weems, P.V.H.
Willmoto (Ger.): See: Odenwald.
Willoughby, M.F.
Attempt to Save the Wellington (OldNav) 782, 130.
Beach Pounders 654, 818.
To The or Not to The, In or On a Ship (C&D) 775, 115.
Will Rogers (U.S.): 41st Polaris Submarine Christened, USS Will Rogers (SSBN-659) (Nbk) 766, 163.
Wills, A.E.: No Eye--No See! (ProfNote) 709, 128.
Wills, A.L.: Value of CCC Duty to Reserve Officers 434, 501.
Willson, R.
Aids to Accuracy in Battleship Maneuvers 234, 1369.
Direct-reading Course and Speed Indicators 248, 1655.
Direct-reading Maneuvering Diagrams 274, 2276.
Our System of Fleet Training 266, 572.
Our Tactical Readiness for War 242, 553.
Station Keeping 378, 1105.
Tropical Cruise 520, 807. 536, 1238.
Willson, W.H. 782, 103.
Master Mariner to Master Submariner (C&D) 774, 106.
World Trade and Military Trade-offs 778, 84.
Wilmer, J.P.B. 256, 878.
Wilmington (USS) 257, 1082. 333, 1009. 411, 764. 414, 1213. 416, 1478.
Wilson, A.L.: Translation 447, 642.
Wilson, A.V.: Communist Challenge in Asia 655, 954.
Wilson, C.J.A.: Etchings 326, 269. 333, 961, 1060. 336, 280. 340, 740-41. 345, 1526-27. 350, 634-35. 386, 596-97. 387, 703-4. 388, 901-2.

Wilson, C.J.A.: Etchings (Cont.) **390**, 1193, 1198. **391**, 1298-99. **399**, 682-83, 687. **408**, 181-82. **433**, 370-71. **437**, 1080-81.
Wilson, D.K.: Electronics PMS: The Unkept Promise (Schelin) (C&D) **868**, 80.
Wilson, E.E. **248**, 1697. **267**, 807. **275**, 226. **523**, 1219. **639**, 542. **671**, 116. **683**, 108. **691**, 119. **715**, 106.
Aircraft Engine Fundamentals **292**, 707.
Aircraft Engine Progress **266**, 657.
Air Tactics and Aircraft Design **394**, 1767.
Air Transport and Security **372**, 177. **378**, 1138.
Basis of Unity **571**, 961.
Divided We Fell (C&D) **767**, 96.
Economical Employment of Auxiliary Exhaust Steam **182**, 805. **187**, 2145.
Emergency Repairs to a Battleship **179**, 55.
Engineering Post-Graduate Schools from the Student Standpoint **162**, 495.
Evolution of Aircraft Engine **275**, 72.
The Gift of Foresight **721**, 48.
Hitler's Flattop--The End of the Beginning (C&D) **771**, 126.
Influence of Flying-Boat Development on Sea Power **416**, 1433.
Management and Command **366**, 1101. **371**, 103.
Navy Department: The Fulcrum and the Balance (C&D) **774**, 106.
Navy's First Carrier Task Force **564**, 159. **573**, 1257.
Navy Types of Heavier-Than-Air Craft **262**, 2029.
Notes on Rifle Shooting **126**, 647.
Operation World Peace **628**, 652. **633**, 1267.
Perfect Squelch (anec) **685**, 59.
Sea Power in Competitive Coexistence **645**, 1170.
Survival in the Air Age **669**, 77.
Trend in Small Arms **250**, 2022.
Unified Procurement of Government Aircraft **272**, 1933.
World Freedom Under World Law (ProfNote) **678**, 131.
Wilson, E.R. **394**, 1844. **416**, 1525.
Retrospection **382**, 1715. **385**, 451.
Wilson, F.R.: Through the Iron Curtain (anec) **719**, 103.
Wilson, G. **361**, 411.
Wilson, H.B. **240**, 219. **616**, 691.
Wilson, J.C.
Defense Management Program (ProfNote) **758**, 167.
On American Naval Policy **114**, 465.
On Defense of Our New Naval Stations **103**, 596.
On the Fleet and Its Personnel **110**, 424.
On U.S. Navy Department **114**, 481.
The Organization and Duties of Trial Boards for our New Cruisers **57**, 95.
Wilson, J.D. **303**, 394.
Last of the Four-Pipers? (Langenberg) (C&D) **889**, 85.
Wilson, J.F. **635**, 92.
Wilson, L.H., Jr.: Ready-Amphibious-Marine **897**, 18. **900**, 81.
Wilson, L.L.: Invents Ship's Stability Computer **346**, 1721.
Wilson, P.A.
Battlefield Guided Weapons: The Big Equalizer **864**, 18. **869**, 78.
The Marine Corps in 1985: **875**, 31.
Wilson, P.E. **712**, 104. **721**, 106, 107.
Wilson, R.E.: Sine Qua Non of U.S. Sea Power: The Merchant Ship (C&D) **752**, 102.
Wilson, R.S.
Passengers Need Not Be Sane, But... (anec) **634**, 1338.
Useful Reading Matter (anec) **636**, 151.
Wilson, S., Jr.: Early Aids to Navigation at Mouth of Mississippi River **493**, 279.
Wilson, T.B., Jr.
Accommodations--The Squeeze Play (C&D) **762**, 120.
Black Tide of the Torrey Canyon (ProfNote) **778**, 133.
Design for Combat Power **753**, 71.
Wilson, T.D.
Determination of Center of Gravity of Shawmut **1**, 149.
Developments in Study of Ocean Currents **253**, 400.
Wilson, T.D., Jr.: Future for the Destoyer? (Ruhe) (C&D) **833**, 99.
Wilson, W. **254**, 670. **282**, 1668. **350**, 565. **351**, 762.
Wilson, W.E., Jr. **482**, 569. **500**, 1267, 1268. **504**, 219. **507**, 559. **511**, 1090. **513**, 1359.
Graduates of U.S. Naval Academy **518**, 157.
Wilson, W.T.: Career Development for the Naval Flight Officer (C&D) **786**, 110.
Wilson, Woodrow
Address to Congress April 2, 1917, asking declaration of war on Germany **171**, 1086.
Address to Congress asking authorization to arm merchantmen, March, 1917: **170**, 876.
Address to Congress February 3, 1917, severing relations with Germany **169**, 618.
Address to Senate, January 22, 1917, on foreign policy of U.S. **169**, 615.
Baltimore Speech, April 6, 1918: **183**, 1181.
Letter regarding stand on armed liners in the war **162**, 635.
Message to Congress, December 4, 1917: **179**, 191.
Mount Vernon Speech, July 4, 1918: **186**, 1952.
Photograph of President Wilson delivering war message, April 2, 1917, before Congress **171**, 891.
Sails for Paris (December 1918) **191**, 157.
Speech, September 27, 1918, regarding peace with Germany **189**, 2701.
Wilvers, A.C. **470**, 532.
Winans, G.L.: Bronco--The Black Ponies (ProfNote) **808**, 125.
Winant, F.I., Jr.: Lesson of ADU **547**, 1067.
Wind
Device for Solving True Wind. F.H. Gilmer **274**, 2286.
On the Velocity of the Wind. J.F. Meigs **2**, 17.
Relation of Wave to Wind. H.A. Marmer **346**, 1687.
Wind and Wheels. M. Prendergast **348**, 205.
Wind Currents Tracked by Radio **340**, 833.
Wind Pressure, Experiments on. **73**, 188.
Wind resistance of ships. Wind resistance tests (1917): **167**, 177. **171**, 1038. **172**, 1270.
Wind Scale, Beaufort. F.J. Nelson **381**, 1546.
Wind Tunnel: See: Aeronautics.
Windas, C.W.: See: Traditions, Customs, and Sea Terms.
Windas, J.M. **614**, 453. **675**, 104. **681**, 104.
The Excellent Ships of Bombay (OldNav) **830**, 68. **842**, 91.
Kunjali: Great Hereditary Admiral of Calicut (OldNav) **814**, 70.
Windchy, E.G.: Book Review--Tonkin Gulf (Buehler) (C&D) **838**, 91.
Wind-class Icebreaker: See: Cover Pictures--March 1960.
Winder, W.: On defense of our new naval stations **103**, 595.
Winder, W.H. **412**, 839.
Wine Mess
End of. H.W. Baldwin **666**, 82.
General Order 99: **675**, 100.
Windstorms: See: Meteorology.
Wing, R.C.
Political and Legal Aspects of Nationalist China's "Port Closure." **567**, 499. **572**, 1137.
Potentialities of Atomic Warfare Against U.S. Petroleum Industry **559**, 983.
Wingfield, M.R.G.: NATO Defense College **603**, 491.
Wing-in-ground effect vehicles (WIG): Surface Effect Vehicles: A Perspective (ProfNote). J.F. Sladky, Jr. **878**, 101.
Wing Rotors: See: Rotor Ships.
Wing Slots: See: Aeronautics.
Winnefeld, J.A. **690**, 115. **708**, 118.
and C.H. Builder: ASW--Now Or Never **823**, 18.
Cold War Power Spectrum **683**, 71.
NROTC Recruiting: A Worm's Eye View (ProfNote) **888**, 97. **898**, 79.
Our Precarious Force Balance (C&D) **805**, 97. **808**, 105.
Winram, S.B. (co-author): See: R.V. Laney.
Winslow, A.
Can We Really Afford Surface ASW Ships? (Alexander) (C&D) **862**, 75.
Goodbye, Admiral Ageton (Fay) (C&D) **849**, 98.
National Insurance Policy ASW Coverage (C&D) **789**, 113.
The NROTC Crisis (C&D) **806**, 99.
Thar She Blows (anec) **651**, 497.
United States Navy for the Future (Smith) (C&D) **822**, 93.
Winslow, A.W.: Tombstone Promotions (Prince) (C&D) **797**, 109.
Winslow, C. McR., Jr.: Action on Yangtze **410**, 491.
Winslow, Marcella C. (artist): Rehabilitation of Destroyer Johnston--January 1965 Cover.
Winslow, W.G.
Citizen Rainey of Peg Leg Well **574**, 1317.
Courage Mounteth with Occasion **582**, 818.
Galloping Ghost **552**, 155. **556**, 709.
Winslow (U.S.) **333**, 1009.
Winston, H.T.: Simplified Elastic Strength of Guns **138**, 569.
Winston, R.A.: Comeback for Propeller **575**, 35.
Winter, F.H.: TransPlanted Torpedoman (OldNav) **857**, 80.
Winter, R.F.: Kort Nozzle for Propulsive Efficiency **681**, 61.
Winter, R.M.
Armor Afloat in Vietnam (ProfNote) **789**, 132.
U.S. Marine Corps Armor (ProfNote) **767**, 123.
Winter, W.
Case for Gold Braid **555**, 545.
Relaxin' in Jackson **536**, 1229.
Winterhalter, A.G.: Translation of Portuguese Manuscript **30**, 519.
Winters, P.R.
Navigation-Geodetic System by Satellite (ProfNote) **772**, 131.
Policy and the Political Geographer **802**, 57. **810**, 96, 97.
Winters, R.A.: Famous Navy Diver Dies (Nbk) (C&D) **806**, 102.
Winthrop, Beekman: Be ready for war (Address at opening of U.S. Naval War College, June 1, 1912): **143**, 829.

Wire Drag: Operations of the Rude and the Heck (ProfNote). R. Wilcove **816**, 95.
Wire Guns: Tension of Winding. P.R. Alger **27**, 793. **32**, 141.
Wireless: See: Radio.
Wireless Telegraph: See: Radiotelegraphy.
Wireless Telegraphy
  Apparatus on British Ships **99**, 626.
  Blish, J.B. **92**, 857.
  In British Navy **98**, 414.
  In Spanish Navy **98**, 415.
  In U.S. Navy **98**, 414.
  In War **95**, 531.
  Marconi's **94**, 403.
Wire-Wound Guns. W.E. Woodbridge **32**, 149.
Wisconsin (USS): Remarkable gun-firing record **114**, 519.
Wisdom, Road to. R.L. Berkman **805**, 58. **809**, 109.
Wise, F.M.: Occupation of Haitian Town **346**, 1629.
Wise, H.A. **858**, 70.
Wise, J.C.: Naval Medical Officer and Expeditionary Boat Duty **71**, 620.
Wise, J.E., Jr.
  Catapult Off--Parachute Back **859**, 70.
  Dawn of ASW (Pict) **732**, 91.
  Ford Island (Pict) **740**, 77.
  Let's Use Our Intelligence (C&D) **782**, 100.
  Naval Air Photo Reconnaissance (Pict) **815**, 57. **821**, 97.
  U-Boats Off Our Coasts (Pict) **752**, 84.
Wise, J.R., Jr. (co-author): See: P.S. Schmalenbach.
Wisser, J.P.
  Gun-cotton (Tr.) **49**, 373.
  Maneuvers, 1902, between navy and coast artillery **104**, 787.
Wiswall, F.L., Jr.: Black Wake of the Torrey Canyon (C&D) **782**, 102.
Witch (Eng.) **347**, 125.
Withers, T.: Preparation of Submarines Pacific for War **566**, 387.
Withers, Thomas, Jr.: Wreck of the USS Memphis **185**, 1459.
Withers, Thomas, Jr., Tr.
  Bernotti, Romeo: The Torpedo on Capital Ships **154**, 1775.
  Cuniberti, Vittorio: All Torpedoes! **149**, 27.
Witherspoon, M.M.: Morale in New World War **447**, 675. **449**, 1017.
Withington, F.G.: The Outcome of the Electronic Revolution in the Navy **729**, 66.
Withington, F.S. **531**, 591. **640**, 664.
  Naval Ordnance Laboratory **533**, 795.
Withington, Frederick: SABMIS and the Future of Strategic Warfare (Schneider) (C&D) **801**, 118.
Withrow, J.E., Jr. **721**, 106. **768**, 116.
  Book Review **758**, 145.
  Needed: A Credible Presence **757**, 52. **762**, 114, 115. **765**, 122.
Witman, F.: Navy **510**, 915.
Witt, J.O.: Worlds Apart (Edelstein) (C&D) **847**, 82.
Witt, R.T., Jr.: He Just Couldn't Believe It (anec) **725**, 69.
Witte de With (Neth. DD) **336**, 257.
Witter, R.C.: Military Courtesy Must Be Maintained (anec) **727**, 52.
Witu, March to, by Landing Party from Gneisenau. W.H. Beehler (Tr.) **39**, 625.
Witzel, F.D. **607**, 1018. **654**, 892.
Wivern (HMS) **205**, 440.
Woerner, J.P.: Panama As I See It (Neimeier) (C&D) **894**, 70.
Wolcott, C.C.: The 100-ton Derrick at Mare Island Navy Yard **43**, 685.
Wolf, G.W., III: Soviet Maritime Threat (C&D) **774**, 108.
Wolf, J.B.: The Bear and the Dragon **801**, 84.
Wolf (Ger.) **268**, 1001.
  Return of the. **182**, 928.
Wolfe, E.N.: Water Bugs Are Coming **681**, 75.
Wolfe, Gene **680**, 104.
Wolfe, James **420**, 187.
Wolfgang, P.W. (Co-author): See: W.I. Milwee.
Wolk, H.S. (Co-author): See: R.J. Boyd.
Wolmi-Do: Turning the Key. R.A. McMullen and N.A. Canzona **637**, 291.
Wolverine (USS) Sidewheel Steamer (IX-64) **254**, 597. **260**, 1687. **283**, 1803.
  See also: Michigan.
  Ex-Seeandbee: See: When Airpower Rode on Paddle Wheels (OldNav).
  Iron Patriarch Passes. C.C. Hanks **474**, 1103.
Woman: The Yeomanettes of World War I: **658**, 1338.
Women, Employment of, in Navy Yards. F.M. Earle **511**, 1051.
Women in a Changing Military. E.J. Hunter and C.B. Million **893**, 50.
Women in the Navy
  See also: R.J. Barrett (C&D). The All-Volunteer Army.
  The Disadvantaged Navy Woman (ProfNote). W.D. Hoover **893**, 118. **897**, 77.
  A Moment to Remember. M.L. Langdon **893**, 59.
  Naval Academy Class of 1980 Will Be Fully Integrated (Nbk) **878**, 117.
  Navy Blue and Blonde. R.W. Kennedy **846**, 49.
  The Sexually-Integrated Warship (NAMB) **890**, 90. **893**, 83. **894**, 63. **897**, 77.
  SitRep: Distaff Corps (Nbk) **842**, 119.
Women Line Officers Assigned to Sea Duty on Hospital Ship (Nbk) **837**, 118.
Women Marines: "Call Them Marines" **873**, 68.
Women on Shipboard: Origin of some of the institutions of the British Navy. A. Farenholt **135**,, 853.
Wonders, William C. **627**, 593.
Wood
  Non-inflammable. E.M. Fox **92**, 954.
  Preservation of. C.E. Munroe **3**, 73.
Wood, A.D. **707**, 119. **769**, 107, 109. **773**, 110.
  Junior Officer Retention: A Lot of Little Things (Harris) (C&D) **832**, 111.
  Home-made Planisphere **271**, 1710.
  Just Drudgin' Along (anec) **667**, 49.
  This Way to the Egress **763**, 92. **766**, 132.
  What Do You Think We Did? (anec) **643**, 967.
Wood, C.A. **369**, 1626. **372**, 245.
Wood, C.C.
  Background of Coronel and Falklands **377**, 939.
  Flow of Strategic Intelligence **367**, 1296.
  Future of the 'Second Segment' (C&D) **747**, 119.
  Game for All Hands **349**, 340.
  Momentous Discrepancies **379**, 1225. **383**, 101-3.
  Prologue in Manchuria **361**, 323.
Wood, C.V.V., and K.W. Thompson: Tall Ships and Sailormen: Operation Sail 1972: **852**, 40.
Wood, H.: Paintings **550**, 1548, 1551.
Wood, I.F. **651**, 551. **661**, 101.
Wood, J.B.: War on U.S. sure, Japanese warned **262**, 2077.
Wood, J.W.: On "Voyage of the Dewey" **121**, 385.
Wood, L.: Distribution of Shots Within Salvo **337**, 377.
Wood, M.L.
  Lifting net for fishing in tropical waters **109**, 197.
  Speed Control in Modern Steamers **77**, 61.
Wood, N.T.: What's in a Name? (Grassey) (C&D) **844**, 88.
Wood, R.
  Sanity in Aviation **269**, 1133.
  Saratoga and Squadrons **336**, 234.
Wood, R.C.: Career Planning (anec) **673**, 69.
Wood, R.F.: Wrinkle in Tactics **200**, 1739.
Wood, R.M.: Japan--a Strong Worthy Ally **684**, 79.
Wood, R.W. (BkRev) **751**, 125.
Wood, Ronald (BkRev) **764**, 136.
Wood, S.E., Jr.
  Increased Readiness for the Seventh Fleet (ProfNote) **728**, 144.
  Modern Realities in Naval and Foreign Affairs (Bucknell) (C&D) **847**, 92.
Wood, S.S. **423**, 745. **432**, 250.
  On Absence Over Leave **140**, 1403.
Wood, V. **407**, 100.
Wood, W.J.: (Mayaguez incident): The Company Commander **885**, 100.
Wodman, R.J.: Poor Man's Tugboat **603**, 515. **608**, 1132.
Woodbridge, W.E.: Wire-wound Guns **32**, 149.
Wooden Ships and Iron Men **295**, 1037.
Woodfield (Brit. transport): Loss of the Woodfield **161**, 309.
Wood Fittings in German Ships **81**, 181.
Woodhouse, H.
  Aircraft's Part in Beating the U-boat (illus) **190**, 2727.
  Importance of Naval and Air Task Forces in Global Warfare **472**, 789.
  New Method of Warfare **470**, 539.
  The Torpedoplane **195**, 743.
  Torpedoplanes in World War II: **466**, 1750.
  U.S. Naval Aeronautic Policies, 1904-42: **468**, 161.
Woodruff, G.L.: Athletics in Fleet **346**, 1690.
Woodruff, G.P.: United States Navy for the Future (Smith) (C&D) **830**, 92.
Woodruff, J.L. **474**, 1158.
  WAVE Training **504**, 151.
Woods, D.L.
  Career Dilemma of the Naval Reserve Surface Line Officer **767**, 50. **771**, 120.
  Civilianism, Civilization, and the Military Services (Sandsberry) (C&D) **851**, 87.
  Effective Writing, Navy or Civilian (Blair) (C&D) **797**, 105.
Woods, R.E., Jr. (photog.): See: Minesweeping on the Long Tao River (Pict).
Woods, R.H. **235**, 1542.
  Cruise of the Clarence-Tacony-Archer: A true tale of the Civil War **131**, 675.
Woodside, E.L.: Naval Ordnance Plant **336**, 223.
Woodside, R.C. **685**, 110.
Woodson, Jack (artist): Bark Belle of Oregon--April 1967 Cover.
Woodson, W.B. **370**, 1786.
Woodward, C.: The Navy's Participation at the Panama-Pacific International Exhibition **155**, 167.
Woodward, V.U.: High Pressure Turbine Pumps **143**, 1045.
Woodworth, Celia: Confederate Raider Shenandoah at Melbourne **844**, 66.
Woolley, H.T. St. O., and L.H. Beecher: Drug Abuse: Out in the Open **825**, 18.
Woolsey, E.W.: The Screw Ferry Boat **62**, 305.
Woolsey, T.S.
  Belligerent Warships in Neutral Ports **116**, 761.
  The Right of Search and Its Limitations in Time of Peace **80**, 721.

Woolsey (U.S.): Night Fight Off Oran. H. Sanders **791**, 56. **805**, 92. **814**, 83.
Woolson, A.M.: Confederates on Lake Erie (OldNav) **842**, 69.
Wooten, M.J.: "Get off my Back, Sir!" (Mumford) (C&D) **898**, 77.
Wooton, R.D. (BkRev) **814**, 89.
Woozlefinch: Navy 14-inch railway guns. J.W. Bunkley **339**, 584.
Worcester (HMS) **237**, 1958.
Worden, John L.: Report of the Monitor-Merrimac Battle **288**, 202.
Worden (USS) **346**, 1715.
Words with new definitions **339**, 712.
Words, Words, Words (ProfNote). G.W. Reiger **804**, 107.
Work, D.D.: Proper Way to Spell (anec) **796**, 51.
Work: Jones, E. on. **346**, 1746.
Working Division. C.E. Perkins **371**, 21. **373**, 407. **375**, 689.
Working During Working Hours. F.A. Todd **363**, 666. **366**, 1190.
Workman, Gilbert: Forgotten Firebrand **787**, 79.
World Court: See: Hague.
World Economic Conference **355**, 1357. **358**, 1811.
World Economics and Disarmament. S.F. Bryant **339**, 623.
World Freedom Under World Law (Prof-Note). E.E. Wilson **678**, 131.
World Government
  Attacks on World Government. J. Hersey **585**, 1169. **589**, 322.
  Sovereignty Is No Giveaway Gimmick! H. Cope **579**, 505. **581**, 764. **585**, 1169. **589**, 322.
World Ocean: Navies in War and in Peace (Part 11). S.G. Gorshkov **861**, 55.
World Politics
  The New Geopolitics. C. Hosmer **846**, 18.
  Policy and the Political Geographer. P.R. Winters **802**, 57. **810**, 96, 97.
World Power, Aspects of Future. S.F. Bryant **394**, 1755.
World Problems: A Different World. R.F. Leider **842**, 18.
World Trade: Multinational Corporations. R.A. Bowen **839**, 54.
World Trade and Military Trade-offs. W.H. Willson **778**, 84.
World Unity, Sea Power and. H.G. Brownson **328**, 473.
World War I
  Admiral Bacon and Dover Patrol. H.A. De Weerd **348**, 185.
  Aboard Subchaser 206 (OldNav). Jack Sweetman **883**, 69.
  Aeronautics: See: Aerial Warfare.
  Airlift to Kut. A.P. Sights, Jr. **827**, 50.
  Air Warfare's Adolescent Years. N.W. Emmott **865**, 61. **869**, 81.
  Alcantara vs. Greif: Duel of the Merchant Cruisers. Francis Poole **869**, 52.
  Armistice Days in Adriatic. R.S. Field **333**, 961.
  Atrocities **206**, 649.
  Attack on Zeebrugge. H.H. Frost **313**, 177.
  Austrian Fleet Attack on Italy **233**, 1245.
  Austrian Navy in Escape of Goeben and Breslau. von Berchem **351**, 701, **795**. **357**, 1647.
  Awakening in May 1917: **291**, 544.
  Battle at Blanc Mont. E. Otto **323**, 1. **324**, 89. **325**, 177. **326**, 304.
  Battles for Belleau Woods. E. Otto **309**, 940, 995.
  The Battleships that Didn't Fight (OldNav). L.C. Van Huben **868**, 88.
  Belleau Wood (Reprint). S.L.A. Marshall **873**, 27.
  Book Reviews **253**, 508. **261**, 1939. **324**, 170. **328**, 567, 571. **329**, 667. **333**, 1057. **335**, 134. **341**, 990. **342**, 1132. **345**, 1591. **346**, 1732. **347**, 144. **352**, 913. **353**, 1063, 1093.
  Books: Titles requested **348**, 316.
  Bridge Across Atlantic. Y. Stirling **271**, 1669.
  British Assault on Ostend and Zeebrugge. K. Schultz **317**, 573.
  Capitulation of Montenegro. B. von Berchem **355**, 1307.
  Captured, Shipwrecked, and Marooned. E.T. Pollock **290**, 427.
  Causes **298**, 1342, 1345.
  "Cheeky Boy" Takes Charge (OldNav). F. Poole **839**, 81.
  Conquest of Baltic Islands. Capt. G. von Koblinski **353**, 971. **358**, 1798.
  Convoy Work. W.J. Wheeler **315**, 385.
  Consairs. I.W.V. Mendl **268**, 1001.
  Cost, English Naval **205**, 439.
  Cruise of the U-53. Wel.ington Long **764**, 86.
  Dardanelles: See: Dardanelles.
  Debts **348**, 298, 307. **349**, 448. **352**, 905. **353**, 1054.
  Destroyer Experiences During Great War. J.K. Taussig **238**, 2015. **239**, 39. **240**, 221. **241**, 383.
  Destruction of SMS Cormoran. O. Bartlett **342**, 1044.
  The Dreadnought Gap. L. Wainstein **763**, 78. **766**, 133. **770**, 109.
  Dreadnoughts, Zeppelins, and U-Boats **208**, 977.
  Eagle Boats of World War I (OldNav). F.A. Cianflone **844**, 76. **849**, 89.
  Entrance of United States. T.G. Forthingham **290**, 399.
  Espionage: See: Spies and Espionage.
  First ASW Vessels (OldNav). A. Preston **836**, 82.
  "First to Fight"--The Marine Brigade. J.W. Thomason **873**, 26.
  Gallipoli Revisited **358**, 1826.
  Guide to Naval History of War. W.B. Norris **201**, 1889.
  Gunnery: See: Guns and Gunnery.
  Harbor patrol: They Also Served (OldNav). W.T. Wright **742**, 164.
  History, as being written **294**, 1151.
  Intervention in Russia (1918-1919). Sumner Shapiro **842**, 52. **846**, 97.
  Italian Naval Assault Craft in Two World Wars. Virgilio Spigai **745**, 50. **753**, 116, 117, 118.
  Jutland: See: Jutland, Battle of.
  Laws and Customs of War at Sea affected by World War. R. Wainwright **244**, 897.
  Lesson from War. W.P. Buhler **290**, 440.
  Lessons from Gallipoli. W.C. Ansel **353**, 1001.
  Library of L. Gibson **351**, 762.
  Losses **202**, 2101. **203**, 140. **205**, 481. **236**, 1790-94. **246**, 1345.
  Man Who Hid the Cruiser Dresden **698**, 111.
  "Marne Miracle" Explained **358**, 1827.
  Mines: See: Mines.
  Mission to Murmansk. C.V. Jackson **792**, 82.
  Mobilization, English **233**, 1259.
  Narrative of the President Lincoln. P.W. Foote **233**, 1073.
  Naval Aspects of War Debt Question. D.W. Knox **351**, 685.
  Naval Aviation: Mission to the Royal Flying Corps. J.S. Halstead **744**, 78.
  Navies in War and in Peace. S.G. Gorshkov. Part 4: **854**, 46. **859**, 87, 88.
  On light cruiser during war. G. von Koblinski **335**, 33. **337**, 389.
  Our Russian War of 1918-1919. Kemp Tolley **792**, 58. **796**, 112. **799**, 108, 110.
  Peace **220**, 970. **222**, 1311. **224**, 1668.
  Petroleum Problems of World War. P. Foley **261**, 1802.
  Puleston, Churchill and Dardanelles. H.A. De Weerd **357**, 1577, 1645.
  Reparations **217**, 447. **220**, 969. **231**, 853. **240**, 329. **254**, 680. **256**, 1030. **257**, 1209. **258**, 1392. **260**, 1765. **310**, 1107. **311**, 73. **312**, 163. **313**, 254. **314**, 354. **316**, 551. **317**, 647. **318**, 735. **320**, 914. **323**, 79. **324**, 168. **325**, 254. **329**, 664. **330**, 772.
  Scapa Flow
    Ruge, Friedrich **682**, 76.
    von Berchem, B. **357**, 1583.
  Ship Camouflage (WWI): Deceptive Art (Pict). R.F. Sumrall **821**, 57. **825**, 95. **826**, 92. **829**, 108. **840**, 90.
  Ships Assembled in Africa **700**, 98.
  Ships That Pass. C.C. Gill **311**, 44.
  Sledge Hammers, Lance Bombs, and Q-Ships. D.D. Mercer **698**, 76. **705**, 111, 112.
  Strategy of, and lesson of U.S. effort. T.G. Frothingham **219**, 669.
  Submarines: See: Submarines--Warfare.
  Suicide Flotilla. H.F. Breckel **292**, 661. **295**, 1002. **301**, 219.
  The T.B. 3 and the Savage Sea. F. Poole **861**, 40.
  Tanganyika Expedition. H.A. De Weerd **356**, 1461.
  Trials of War Criminals **222**, 1284. **223**, 1431.
  Turn of Tide **305**, 627.
  U-Boats Off Our Coasts (Pict). J.E. Wise, Jr. **752**, 84.
  Victor **356**, 1520.
  Von Spee's Strategy at Outbreak of War. R. Castex **261**, 1876.
  Wasp's Nest in Flanders **241**, 491.
  When the Marines Went to France, 1917-1918 (Pict) **777**, 86.
World War II
  Airborne Torpedoes. N.W. Emmott **894**, 46.
  Alaska: Kiska Dry-Run. C.M. Blackford, III: **769**, 56.
  America's Undeclared Naval War. W.P. Deac **704**, 70. **707**, 114. **710**, 108. **715**, 100.
  Battle of Savo Island. Toshikazu Ohmae **658**, 1263.
  Battle of the Philippine Sea. T.B. Buell **857**, 64. **859**, 88. **861**, 102. **862**, 77.
  Bomber Navigation, the Blind Led the Blind. N.W. Emmott **795**, 35. **798**, 115. **802**, 110.
  British Submarine Operations In World War II. N.J. Gilbert **721**, 73. **727**, 103.
  Bush Navigation in the Solomon Islands. C.F. McGivern **852**, 68.
  Caribbean Convoy (OldNav). Harlan Soeten **845**, 78.
  Coastwatching in World War II. E.A. Feldt **703**, 72.
  Cruise of the Lanikai (OldNav). Kemp Tolley **847**, 76.
  Day the Astral Vanished. A. Gordon **752**, 76.
  A Day to Remember (OldNav). W.T. Schmitt **875**, 64.
  The First Three [Americans in the Royal Navy] (OldNav). E.T. Berryman **892**, 62.
  Fleet Units Lost During World War II. V.J. Miller **683**, 90. **689**, 96.
  German Remotely Piloted Bombs. C.H. Bogart **885**, 62. **892**, 93.
  German Submarines in the Far East. A.W. Saville **702**, 80.
  Germany--Naval Operations: "Stay Tough". J.M. Waters, Jr. **766**, 95.
  USS Gold Star--Flagship of the Guam

Navy. J.U. Lademan, Jr. **850**, 67.
Grand Admiral Karl Doenitz: Reflections at 80 (ProfNote). R.M. Ancell, Jr. **841**, 120. **847**, 99.
"A Hell of a Christmas." C.C. Smith **790**, 63.
I Bombed the U.S.A. Nobuo Fujita and J.D. Harrington **700**, 64. **707**, 114.
Incident in the Nanpo Shoto. Bruce McCandless **845**, 67. **851**, 75.
I Remember Pearl Harbor. J.K. Taussig, Jr. **838**, 18. C&D: **842**, 91. **844**, 96. **847**, 97, 98. **851**, 80.
I Sank the Yorktown at Midway. Yahachi Tanabe with J.D. Harrington **723**, 58.
Italian Naval Assault Craft in Two World Wars. Virgilio Spigai **745**, 50. **753**, 116, 117, 118.
Japan
  Japanese Submarine Tactics. Kennosuke Torisu and Masataka Chihaya **696**, 78.
  Kaiten--Japan's Human Torpedoes. Yutaka Yokota and J.D. Harrington **707**, 55. **713**, 118, 119.
  24 Sentai--Japan's Commerce Raiders. E.T. Layton **880**, 53.
King of the Oceans. Harry Sanders **858**, 52. **861**, 95. **866**, 75, 76, 77. **868**, 82. **869**, 79. **872**, 89.
Let Pass Safely the Awa Maru. R.T. Speer **854**, 69. **857**, 88. **861**, 94.
Navies in War and in Peace. S.G. Gorshkov
  Part 7: **857**, 52. **862**, 79.
  Part 8: **858**, 60.
Leadership on Board the Raider, Atlantis. B. Rogge **720**, 40.
Major Fleet Units Lost During World War II: **702**, 109.
Marianas Campaign: Operation Forager. S.R. Zimmerman **738**, 78. **742**, 113.
Mediterranean Operations: The Bari Incident. D.M. Saunders **775**, 35. **779**, 101.
Mission to Mecca: The Cruise of the Murphy. J.S. Keating **875**, 54.
Mistaken War. T. Tukuda **790**, 42.
Monster Seven-Seven (OldNav). R.W. Clark **796**, 144.
Mount Hood Explosion. C.A. Gile **720**, 89.
My Eagle-eyed, Stout-hearted Crocks. W.G. Moore **804**, 58.
Naval Air Ops--Pacific
  Admiral Marc Mitscher: A Naval Aviator. Arleigh Burke **866**, 53. **869**, 79. **870**, 87.
  Moment at Midway: McClusky's Decision **866**, 64.
  Torpedo Squadron Eight, the Other Chapter. H.H. Ferrier **740**, 72.
Naval Battalion on Bataan. W.F. Prickett **693**, 72.
Naval Ops--Atlantic: When the Good Shepherds Were Blind. Patrick Abbazia **871**, 49. **875**, 73, 74. **876**, 79, 80. **882**, 74. **886**, 88.
Naval Ops--Pacific
  The Beachcomber and the Beachhead. N.C. Vanzant **868**, 64.
  Hellcats Over Truk. B. Tillman **889**, 63. **894**, 65.
  Incredible Midway. T.E. Powers **772**, 64. **775**, 106.
Night Fight Off Oran. H. Sanders **791**, 56. **795**, 114, 115. **805**, 92. **814**, 83.
"...Nor Dark of Night". D.V. Gallery **794**, 85. **799**, 105.
Oglala--Ship That Sank From Fright (C&D) **845**, 97. **847**, 88.
Operation Archery. H.E. Horan **698**, 70.
Operations Research in World War II. R.H. Milkman **783**, 78.
Out of the Darkness. S.B. Young **754**, 86.
Pacific Theater
  Admiral Nimitz and the Battle of Midway. E.B. Potter **881**, 60.
  Divided We Fell. Kemp Tolley **764**, 36. **767**, 96.
  Your Island Is Moving at 20 Knots! R.L. Underbrink **799**, 81. **803**, 98.
Planning for Sicily. R.M. Leighton **711**, 90.
Propaganda: Persuading the U-Boats. R.D. Wells **742**, 52.
Prinz Eugen Album (Pict). P.S. Schmalenbach and J.E. Wise, Jr. **798**, 87, 148. **802**, 111. **804**, 90.
Radar and the U-Boat. J.A. O'Connell **727**, 53. **738**, 123.
Russia's Communications Battle Navies in War and in Peace (Part 9). S.G. Gorshkov **859**, 56.
Saga of Cassin and Downes. J.D. Alden **695**, 33. **698**, 102. **704**, 117.
Sara in the East. C.G. Reynolds **706**, 75.
Saumarez and the Haguro (OldNav). Denis Calnan **788**, 147.
SeaBees in World War II. Ben Moreell **709**, 85.
Ship Camouflage (WW II): Deceptive Art (Pict). R.F. Sumrall **840**, 67. **846**, 92.
Ship Losses
  See also: Escort of Convoy, Still the Only Way.
  The Pecos Died Hard. E.P. Abernethy **802**, 74. **810**, 102, 103.
  U-boats Off Our Coasts (C&D). P.E.R. Scarceriaux **756**, 109.
Ship That Sank From Fright (OldNav). Maurice Featherman **838**, 84.
Soviet Operations in the War with Japan. R.L. Garthoff **759**, 50. **763**, 122.
Strange Assignment of USS Lanikai. Kemp Tolley **715**, 71. **725**, 112. **728**, 125.
Sub Ops--Pacific: "Away the Boarding Party". J.D. Alden **743**, 68.
Tankers: The Old Indispensables. F.L. Palmer, Jr. **882**, 60.
Tarawa: The Tide that Failed. P.L. McKiernan **708**, 38. **715**, 105, 106.
Target: Iwo. R.D. Heinl, Jr. **725**, 70. **729**, 102.
Those Mysterious Midgets. A.J. Stewart **862**, 54. **866**, 86, 87. **868**, 83.
Those Wonderful Naval Aviators. David Nash **699**, 84.
Triumph at Taranto. A.C. Hampshire **673**, 71. **684**, 101.
U-Boats Off Our Coasts (Pict). J.E. Wise, Jr. **752**, 84.
Vice Admiral Chuichi Hara, Unforgettable Foe. Donald Bartlett **812**, 49. **816**, 84. **827**, 89.
Weapon That Came Too Late. A.N. Glennon **697**, 85. **703**, 102, 103, 104.
World Weather Watch: Forecast: Change. W.J. Kotsch **779**, 69.
World-Wide Military Command and Control System (WWMCCS): Conning the Computer. C.H. Mehmel **872**, 94. **876**, 81.
Worth (Ger. cruiser): Reconstruction of. **101**, 102.
Worthington, J.M.: Incredible Victory and Rendezvous at Midway (BkRevs) (C&D) **791**, 103.
Worthington, W.F.
  Coal Consumption of Warships **110**, 373.
  Combustible Fossils... **42**, 494.
  On "Amalgamation, a Failure?" **117**, 303.
  The Wheeler Surface Condenser **42**, 479.
Wotherspoon, A.S. **348**, 280.
  War College and Recreational Reading Courses **307**, 770.
Wounded: Stretcher for Wounded on Board Ship. D.H. Mahan **96**, 625.
Wounds by Rifle Bullets **78**, 492.
Wrangel Island **232**, 1067. **258**, 1378. **287**, 118.
Wrangle, P. **212**, 1700.
Wreck Dispersal: All Quiet for the Oysters (ProfNote). Desmond Wettern **671**, 138.
Wrecks--Ship: See: Accidents--Vessels.
Wren, G.S.: Naval Air Training: A Change Is Needed (Wright) (C&D) **817**, 92.
Wren (Eng.) **347**, 125.
Wrens: Women's Royal Naval Service. H.H. Hallinan **484**, 828.
Wright, C.H. **551**, 97. **555**, 589.
  American Production of Military High Explosives **212**, 1563.
  Looking Into Future (anec) **581**, 720.
  Naval Academy Athlete as Naval Officer **559**, 1019.
  Nitrogen Fixation **255**, 779.
  Sailing Canoes of Marshall Islands **550**, 1529.
  Short Cut to Victory (anec) **610**, 1361.
  Sighting Sea Serpent (anec) **542**, 423.
  Three Trees Are Enough (anec) **555**, 565.
  Trust Territory of Pacific Islands **549**, 1333.
  Ultra Modern Seamanship (anec) **576**, 139.
  Virtue Rewarded **554**, 446.
Wright, C.Q.
  Admiral Nearchos **214**, 1925.
  Tripoli Monument **237**, 1931.
Wright, D.J.
  America's Best Weapon (C&D) **756**, 110.
  Exploring the Southern Seas in the USNS Eltanin (T-AGOR-8) (ProfNote) **759**, 148.
  River Gunfire Support Ship (C&D) **780**, 100, 101.
Wright, D.R.: Naval Air Training: A Change Is Needed (ProfNote) **804**, 115. **813**, 84. **815**, 83. **816**, 89. **817**, 92.
Wright, G.H.: Those Chronometers Again (anec) **669**, 70.
Wright, H.J. **280**, 1175. **331**, 847. **389**, 1008.
  Batten Down Hatch **450**, 1103.
  The Cruiser (Webster) (C&D) **280**, 1175.
  Fitting Out **391**, 1284. **397**, 409.
  War Staff Idea Afloat **274**, 2298.
Wright, J.: North Atlantic Treaty Organization **586**, 1253.
Wright, J.M.: Military Bargain Basement **617**, 773.
Wright, J.M.P. **538**, 1509. **543**, 631. **544**, 767. **547**, 1165. **551**, 105. **552**, 231. **554**, 473. **559**, 1061. **571**, 1032.
Wright, Jerauld
  Book Review **795**, 119.
  A Connoisseur of Brandy (anec) **790**, 112.
  King of the Oceans (Sanders) (C&D) **872**, 89.
  Most Important Message (anec) **797**, 43.
Wright, R.H. **394**, 1846. **403**, 1369. **411**, 717. **421**, 404. **435**, 728. **437**, 1086. **451**, 1327.
Wright, S.E., Jr.: ASW and the Modern Submarine **842**, 62. **846**, 93.
Wright, W.L.
  Change in Rate (anec) **570**, 851.
  Vest-Pocket Ballistics **273**, 2138.
Wright, W.T.: They Also Served (OldNav) **742**, 164.
Wright, Wilbur: Flying Activities **373**, 313.
Wright Brothers: Monument to **359**, 140.
Wright (USS) **223**, 1443. **228**, 288. **237**, 1967. **332**, 946.
  A Wright Way To Tow (ProfNote). F.M. Romanick **802**, 136.
Writing and Writers
  Call for Naval Biographers **717**, 112.
  Effective Writing, Navy or Civilian

Writing and Writers (Cont.)
Effective Writing (Cont.)
(ProfNote). C.H. Blair **785**, 131. **790**, 110. **792**, 115. **794**, 113. **797**, 105. **804**, 89. **806**, 95. **815**, 84.
Guidelines for Clear and Forceful Writing (C&D) **835**, 98.
Mahan's Historical Method. R.W. Smith **731**, 49.
Military Viewpoint (C&D). J.W. Newcomb, Jr. **739**, 113.
One Hundred Years of Naval Authors (C&D) **853**, 93.
Professionalism and Writing (C&D) **801**, 108. **810**, 101. **811**, 98. **815**, 84.
Professional Writing (SecNotes) **643**, 1025.
Professional Writing: State of Naval Arts (C&D) **650**, 444.
Writing as an Avocation **723**, 114.
Wu, C.C. **311**, 76.
Wulff, T.
Defense Problems of the Swedish Navy **706**, 52.
The Swedish MTB (ProfNote) **726**, 130.
Wunch, E.W., Jr.
Dynamic Stabilization of Ships **383**, 81. **395**, 98.
Principles of Gyrocompass **359**, 89.
Seiche of Great Lakes **397**, 367.
Specialists of Great Lakes **401**, 995.
Wurtsbaugh, D.W.: Seymour Relief Expedition **102**, 207.
Wyckoff, D.P. **709**, 115.
Bloodless Weapon **799**, 64. **803**, 93. **805**, 96.
Chilean Civil War, 1891: **716**, 58.
Co-author: See: R.A. Long.
Wyeth, N.C. (artist): Coast Guard to the Rescue--April 1968 Cover.
Wygant, B.B. **272**, 1963.
Admiral Sims as I Knew Him **584**, 1089.
Allegation of Snobbishness **202**, 2013.
Naval Staff Afloat **276**, 249.
Permanence in Command Afloat **390**, 1075.
Spirit of Offensive **421**, 346.
Wylie, F.J.: Collision at Sea in Fog: The Common-Sense Approach (ProfNote) **727**, 120.
Wylie, J.C., Jr.
Calculation of Risk **605**, 725.
Commentary on Gorshkov Article (Part 9) **859**, 68.
Freshwater Cruise of USS Macon **686**, 61. **693**, 102, 103.
On Maritime Strategy **603**, 467.
Protection of High Civil Office (C&D) **749**, 104.
Reflections on War in Pacific **590**, 351. **597**, 1256.
Why a Sailor Thinks Like a Sailor **654**, 811.
Wyllie, Robert E.: Comparison between logistics of armies and of fleets **183**, 999.
Wyman, T.C.: Red Shingle **534**, 923.
Wyman, T.S.: Petroleum Imports and National Security **895**, 32.
Wynne, G.R.
Against All Enemies (Hanks) (C&D) **809**, 95.
UCMJ on Trial (C&D) **734**, 114.
Wynne, W.M.: Pluto **344**, 1341.
Wynne-Edwards, C.J.C.: New British Ocean Survey Ships (ProfNote) **766**, 156.
Wyoming (Fr.): All Hands Saved **661**, 101.
Wyoming (U.S.)
1st: Steam-Screw-Sloop **477**, 1543.
See also: Stewart, C.W.: Virginius Affair **143**, 913.
At Shimonoseki in 1863. In Hansard, A.C.: Early Days in Japan **137**, 151. **138**, 620.
Illustration **58**, 920.
Wyoming at Shimonoseki. W.C. Tyler **356**, 1464.
2nd: Monitor
See also: Cheyenne.
Description **130**, 592. **131**, 977. **135**, 895.
Description; trials **143**, 1146.
Photograph, with the Pennsylvania **174**, 1671.
3rd: BB-32: **333**, 1063. **339**, 632.
Ships of the U.S. Navy. R.W. Neeser (illus) **158**, 1188.

X

"X": Method of determining the latitude at sea without time **112**, 755.
X-1 (HMS) **246**, 1339. **254**, 627. **282**, 1590. **284**, 2086. **328**, 544, 2086. **352**, 923.
XF8C-2 (Curtiss airplane) **322**, 1079.
XFH-1 (fighter biplane) **323**, 155.
Xenophon: Ideas of Leadership. F. Howland **421**, 329.
XFJ-1 (fighter plane) **330**, 763.
XOP-1: See: Autogiros.
XPN-12 (U.S. seaplane) **307**, 803.
XPY-1 (U.S. seaplane) **330**, 696.
X-rays
Sending for Contraband with X-rays **157**, 948.
Use of in Metallurgy: See: Metallurgy.
X-ray Tube: 900,000-volt **341**, 976.
XV-6A Carrier Suitability Testing (ProfNote). J.J. Mulquin **770**, 135.
Xyhdis, S.G.: Genesis of the Sixth Fleet **666**, 41.

Y

YMS-238: Saga of YMS. H. Hughes **539**, 53.
Yachts **344**, 1446, 1450.
See also: Names.
America. R.R. Duval **351**, 732. **355**, 1353.
Naval Academy: See: Naval Academy (also names of yachts).
New Type of Scout. R.P. Beebe **399**, 679.
Officers, Naval, as Yachtsmen **354**, 1243.
Race, Painting of. **381**, 1643.
Racing **359**, 109. **367**, 1345.
Fearless in the B.A. to Rio Race. W.E. Tobin, III: **754**, 66.
Sailing at Naval Academy (Pict) **602**, 429.
Yachtsmen and Navy. D.H. Sparkman **426**, 1105. **432**, 251.
Yachtsmen: U.S. Power Squadrons **402**, 1167.
Yale University: Sterling Memorial Library: Navigation Exhibit **413**, 1066.
Yalu, Battle of. **75**, 479.
Artillery in. **76**, 897.
The Lesson of the. **72**, 803.
Marble, Frank **75**, 479.
The Naval Battle of Yalu **72**, 808.
Offensive and Defensive Weapons at **76**, 897.
Patterson, R.O.: McGiffin, P.N.--Commander for China **622**, 1366.
Yamamoto, I.: Admiral Yamamoto. J.A. Field, Jr. **560**, 1105.
Yamashiro (Jap. battleship)
Illustration **161**, 225.
Launched; description **160**, 2028.
Yamashita, T.: Tiger of Malaya. S.S. Stratton **612**, 137. **617**, 810.
Yamato (Jap.)
Battleship Banzai! W. Karig, R. Harris, and F.A. Manson **560**, 1151.
Design and Construction Yamato and Musashi. K. Matsumoto and M. Chihaya **608**, 1103. **613**, 334.
End of Yamato. M. Yoshida **588**, 117.
Yangtse River: The Upper Yangtse River (maps). A.F. Carter **168**, 325.
Yangtze Patrol
See also: China.
Gale, Esson M. **625**, 307.
YangPat--Shanghai to Chungking. Kemp Tolley **724**, 80.
Yang Yu-Tung: Executed **313**, 256.
Yanik, A.J.: Chinhae--Old Korean Port Gone Modern **612**, 163.
Yankee Device. J.V.D. Southworth **674**, 97. **680**, 101.
Yankee Station (Pict). R.D. Moeser (photog) **773**, 90.
Yankee (USS) **303**, 440.
Removing the Wreck of the. **175**, 2070.
Yankees in China Ports. Ralph Oman **836**, 70.
Yanquell, C.C.: Flight Surgeon **883**, 46. **887**, 85.
Yap **202**, 2102. **218**, 630. **220**, 972.
Treaty **230**, 681. **235**, 1642.
Yap. B.C. Allen **225**, 1741.
Yards and Docks: See: Docks; names of countries, subhead Navy Yards, Stations, and Bases; Naval Stations.
Yard to Meter, Relation of. **50**, 524.
Yar-Hissar (Turk. destroyer): Sunk by British submarine **161**, 316.
Yarmouth, England: Bombarded by German Warship **180**, 449. **181**, 683.
Yarmouth (HMS)
Launched; description **138**, 633.
New Details of the Randolph-Yarmouth Battle. E.S. Maclay **173**, 1445.
Yarnell, H.E. **574**, 1377. **624**, 216.
Department of War **486**, 1099. **490**, 1603.
Naval Regulations **230**, 577.
Peace-time Services and Costs of Navy **259**, 1499.
Save the Hartford **276**, 260.
Sons of Gunboats **509**, 825. **816**, 285.
Yarnell, Harry E.
Amalgamation Features of the Personnel Problem **147**, 1111.
Greatest Need of the Atlantic Fleet **145**, 1.
Naval Administration **132**, 1199.
Notes on Naval Tactics **161**, 69.
On "Trained Initiative and Unity of Action." **146**, 833.
Some Comments on Erosion and Ballistics **136**, 965.
Yarns: See: Anecdotes.
Yarrow, Norman: It Was No News to Him (anec) **727**, 65.
Yarrowdale (SS): The Yarrowdale Case **169**, 621.
Yarus: See: Anecdotes.
Yasunobu, Takeo: Fledgling Japanese Naval Air Force (ProfNote) **660**, 138.
Yates, B.R. **707**, 120. **717**, 119.
Yates, Eames L. **631**, 1051.
Yates, H.E.: Road to Wisdom (Berkman) (C&D) **809**, 109.
Yates, I.I. **394**, 1843.
Did the Cyclops Turn Turtle? (Tisdale) (C&D) **206**, 603.
Industrial Management in Navy Yards (illus) **162**, 525.
A Navy Yard in War Time **207**, 713.
On Earle's "Battleships." **167**, 131.
Yavuz (Turk.): Last Battle Cruiser (C&D). V.L. Collins **765**, 134.
Yaworsky, W.J.: Run Silent, Run Light (anec) **716**, 57.
Yawuz Sultan Selim (Turk.) **335**, 114. **351**, 701, 795.
YD-171 (U.S.) **558**, 891.
Yeager, P.B.
and J.R. Stark: Decatur's Doctrine--a Code for Outer Space? **655**, 931.
Carbon, Oxygen, and a Rising Sea **667**, 51.
Joint author: See: R.C. Benitez.
Last In the Hearts of His Countrymen **788**, 80.
New Age of the Sea **700**, 38.

Stormy Romance of the "Pickleboat" **741**, 66.
Yeaton, H. **315**, 475.
Yellow Fever: Yellow Jack, Master of Strategy. L.W. Johnson **572**, 1075. **577**, 321. **579**, 539.
Yellow Peril: See: How Young We Were.
"Yellow Peril" **825**, 47.
Yellow Sea, Battle of **232**, 921.
The East China and Yellow Seas (Nav-Rev). J.R. Dewenter **867**, 188.
Official Version of Japanese General Staff. Tr. by W.T. Hoadley (maps) **153**, 1283.
Yemen
Visit to Yemen (ProfNote). P.H. Klepak **723**, 149.
Yemen Air Force Turned Into License Plates (Nbk) **750**, 164.
Yeomanettes of World War I (Pict) **658**, 1339.
Yerger, W. **609**, 1249.
Yes, There Are Plenty of Sailors in the Navy. P.V. O'Rourke **359**, 109.
Yeuell, D.P., Jr. (joint author): See: J.D. Atkinson.
Yeuell, Donovan P., Jr.: German Occupation of the Rhineland **633**, 1205.
Ying Swei (Chinese cruiser): A cruiser for training Chinese officers **139**, 1039.
Yi-Sun Sin
Admiral, Korea **600**, 205. **614**, 455.
Lord of the Turtle Boats. G.M. Hagerman **778**, 66.
Ymer (Sw. icebreaker) **463**, 1364.
Yohanan, R.R.: Joint Training for Inshore Naval Operations (ProfNote) **781**, 130.
Yokoi, T., and R. Pineau: Kamikazes and Okinawa Campaign **615**, 505.
Yokoi, Toshiyuki **698**, 109.
Japan's Naval Defeat **692**, 68.
Yokota, Yutaka, and J.D. Harrington: Kaiten--Japan's Human Torpedoes **707**, 55. **713**, 118, 119.
Yom Kippur War, Israeli Saar FPBs Pass Combat Test in (ProfNote). Shlomo Erell **859**, 115.
Yorck (Ger. cruiser): Destroyed by Mine **155**, 247.
York, L.
Americans Are a Royal Family (anec) **640**, 643.
Ducking the Duncan (anec) **653**, 721.
Navy's Cake-Eatin'est Ship (anec) **600**, 179.
Strange Gift (anec) **677**, 65.
Unique U.N. Success (anec) **602**, 419.
York (Eng.) **308**, 904. **337**, 396. **357**, 1684.
Yorktown, Virginia
Naval Views of Yorktown Campaign. A.H. Miles **344**, 1303.
Navy Mine Depot. A.H. Miles **302**, 299.
Safe Storage of High Explosives. A.H. Miles **322**, 1027.
Sea Power and Yorktown Campaign. A.H. Miles **297**, 1169.
Sequence That Led to Yorktown. T.G. Frothingham **344**, 1327.
Strategy of Yorktown Campaign. J.F. Shafroth **340**, 721.
Yorktown (U.S.)
CV-5: I Sank the Yorktown at Midway. Yahachi Tanabe with J.D. Harrington **723**, 58.
CV-10: **895**, 73.
Yorktown Decommissioned (Nbk) **806**, 130.
PG-1: **409**, 335. **412**, 799.
Yosemite (U.S.) **456**, 239.
Yoshida, M.: End of Yamato **588**, 117.
Yoshihito (Emperor of Japan): Death of. **288**, 234.
Yoshikawa, Takeo, and Norman Stanford: Top Secret Assignment **694**, 27.
Young, A.A.: More Alphabet Trouble (anec) **675**, 42.
Young, F.
A Dead Horse of Another Color (anec) **721**, 81.
Higher Education (anec) **699**, 47.
Return of Dracula (anec) **738**, 69.
Shades of Dracula (anec) **683**, 105.
Small Consolation (anec) **677**, 58.
Young, F.P., Jr.: Recruiting Eloquence (anec) **778**, 37.
Young, H.B.: Radioactive Fogg (anec) **859**, 39.
Young, H.V., Jr.: They're Not Here to Stay (anec) **566**, 397.
Young, Henry
A Holocaust for Happy Valley? **885**, 52. **889**, 75.
Proceedings: Off in Happy Valley? (C&D) **880**, 80.
Young, J.A. **665**, 108. **681**, 104.
Young, J.D.: My Umbrella, Sir (anec) **689**, 60.
Young, J.R.: Menace of Shintoism **542**, 463.
Young, King H.: Automatic Guns **200**, 1725.
Young, M.N. **580**, 660.
Young, P.A.
High-Low (Zumwalt) (C&D) **885**, 73.
Is Military Unionization an Idea Whose Time Has Come? (Kane et al.) (C&D) **895**, 86.
Young, R.A.: The All-Volunteer Army: Too High a Price: (Kohn) (C&D) **857**, 93.
Young, Robert T.: Resilvering Sextant Mirrors **192**, 245.
Young, S.B.: Out of the Darkness **754**, 86.
Young, W.B.: Naval Air Training: Change Is Needed (Wright) (C&D) **827**, 83.
Young America (U.S. clipper). C.R. Patterson **445**, 390.
Young Automatic Rifle: Description **144**, 1668.
Young Plan **324**, 169. **325**, 254. **327**, 462. **330**, 772.
Youngquist, J.A.
New Look at Tidal Dynamics (Gardy) (C&D) **852**, 96.
Puddle Navigation (ProfNote) **649**, 346.
Young Turks, No Room for. P. Karsten **841**, 37. **846**, 96.
Your Island Is Moving at 20 Knots! R.L. Underbrink **799**, 81. **803**, 98.
Youth and the U.S. Navy. C.G. Reynolds **845**, 26. **849**, 87.
Youth Programs, Naval. E.L. Barker **844**, 42. **851**, 84.
Yuan Shih-kai: Sketch of life of Yuan Shih-kai, President of China **164**, 1384.
Yugoslavia **226**, 1989. **299**, 75. **311**, 74. **313**, 255. **329**, 664. **336**, 257. **341**, 987. **345**, 1587.
Adriatic: Soviet Seaway Someday? E.P. Sullivan **834**, 26. **840**, 97.
Navy
Composition **459**, 755.
Royal Yugoslav Navy in World War II (ProfNote). Z.V. Adamich **722**, 138.
Tito's Navy. R.B. Asprey **672**, 73.
Yukon (U.S.): See: Cover Pictures--April 1957.
Yusef, M.: Death of. **299**, 74.

Z

ZMC-2: See: Airships--U.S.
ZR Airships: See: Airships--United States.
Zaanland (USS): Sunk in Collision **184**, 1372.
Zadow, R.: A German View of the Strategic Importance of the Panama Canal. Tr. by E.J. King **151**, 803.
Zaehringen (Ger. battleship): Description **103**, 636.
Zafer (Turk) **354**, 1229.
Zaimis, A.: President of Greece **324**, 169.
Zajkowski, E.L.: Destroyer Memorial (Kaplan) (C&D) **870**, 91.
Zalinski, E.L.: The Naval Uses of the Pneumatic Torpedo Gun **44**, 9.
Zally, G.D.: Astronautics--A Seminar (ProfNote) **711**, 149.
Zamora, N.A.: President of Spain **340**, 843.
Zamora (SS): The Zamora Case **163**, 1020.
Zane, W.S.: Industrial Accounting System **337**, 320.
Zapote River Campaign, The Navy's Cooperation in the. E.W. Eberle **93**, 105.
Zara (It) **337**, 402. **345**, 1574. **353**, 1076.
Zartman, I.W. **702**, 116.
Communist China and the Arab-African Area **691**, 23.
Mediterranean, Bridge or Barrier? **768**, 63.
Zartmann, C.E. **664**, 106.
Argentine Navy (Pict) **689**, 82.
Kid Stuff (anec) **673**, 79.
Language Difficulties (anec) **696**, 93.
Little Ships With Long Arms (C&D) **756**, 110.
Operation UNITAS (ProfNote) **723**, 144.
Zawacki, R.A., and P.E. LaSota: Behavioral Science in the Armed Forces (ProfNote) **852**, 113.
Zayas, A. **214**, 2046.
Zbik (Pol.) **351**, 768.
Zeebrugge
See also: Belgium; Ostend.
Attack on Zeebrugge and Ostend, May 1918: **184**, 1377.
Bombarded, May 1917: **173**, 1597.
Bombed, August 1918: **188**, 2471.
Bombing of Zeebrugge. A. Pollen **187**, 2207.
Condition After German Evacuation **190**, 2865.
Destruction of the Flanders Triangle. Z.W. Wicks **197**, 1093.
Illustration showing fairway blocked by sunken ships **187**, 2179.
The Naval Base at Zeebrugge **173**, 1630.
Raided from the Air, October, 1917: **177**, 2723.
Shelled by British (1915): **159**, 1726.
A Visit to Zeebrugge **191**, 99.
Zeebrugge and Ostend. Contre-Amiral Degoury. Tr. by A.F. Westcott **185**, 1647.
Zeigler, S.J.
Naval Aircraft Factory **275**, 83.
Specialization vs. amalgamation **221**, 1073.
Zeilin, Jacob: See: Marine Corps Emblem, "The First Hundred Years..."
Zeiss Planetarium. G.B. Myers **405**, 1570.
Zeller, H.J.: French Language Expert (anec) **671**, 45.
Zeller, R.G.: The People Factor (C&D) **783**, 107.
Zeltin--Maintenance and Repair Ship for Libya. (ProfNote). John Rix **815**, 95.
Zeni, L.E. **683**, 110.
Fletcher School of Law and Diplomacy (ProfNote) **716**, 134.
Submarine's Long Shadow (C&D) **763**, 116.
Zenith: See: Altitude and Azimuth.
Zenta (Austrian cruiser): Sunk, August 1914: **153**, 1574.
Zeola, L.P.: Cinderella Carriers (Evans) (C&D) **886**, 88.
Zeppelins
See also: Airships; Aeronautics--Dirigibles; Germany--Aeronautics.
Zeppelin L.53, Destruction of. S.W. Roskill **690**, 71. **693**, 111. **700**, 95.

Zeppelins (Cont.)
Zeppelins in the German Navy, 1914-18. D.H. Robinson **641**, 743.
Zerfoss, A.B.: Dilemma in Oil **732**, 54.
Zero Fighter Plane: Day the Navy Caught a Zero (OldNav). R.L. Underbrink **780**, 136. C&D: **791**, 105, **795**, 114.
Zeusler, F.A.
Alaskan Names **464**, 1428.
Bogoslof Island **470**, 494.
Ice in Bering Sea and Arctic Ocean **462**, 1102.
Z-grams (01-70). Elmo Zumwalt, Jr. **819**, 293.
Zhdanov, A.I.: See: J.A. Davis, Jr.
Zider, R.B.: NOAA: The Other Silent Service (ProfNote) **846**, 110.
Ziegemeier, H.J.
The Development of German Naval Construction (Tr.) **96**, 675.
Organization and Enrollment of a Reserve for the U.S. Navy and Marine Corps **147**, 903.
Training of Fleet **296**, 1084.
Tribute **336**, 282.
Zig-Zag Course
Blackburn, P.P.: A Solution of Zig-Zags **187**, 1995.
Curved, or "S" Courses **193**, 451.
Zigzag Course as a Defense Against Submarines **174**, 1837.
Zimermann, A.G.
An Instantaneous Dead Reckoner **177**, 2547.
On Administration **393**, 1637.
Zimmerman, J.D.: Hats Off! (anec) **697**, 93.
Zimmerman, J.L. **556**, 713. **561**, 1301.
Force in Readiness [U.S. Marine Corps] **648**, 165.
Joint author: See: Richards, G.
Jungle Allies **558**, 873.
Marine Corps Training **557**, 787.
Stand, Gentlemen! **553**, 289.
Zimmerman, S.R.: Operation Forager **738**, 78. **742**, 113.
Zinn, C.J.: Commodore Comes Back **485**, 956.
Zins, W.E. **592**, 674.
Zirconium
Properties of. **232**, 1053.
Use of, in guns **189**, 2626.
Ziroli, H.W. **357**, 1664. **426**, 1188.
ZMC-2 (U.S. airship) **432**, 247.
Zoelly Turbine
Description **127**, 1086.
In German Cruisers **127**, 1054.
In German Destroyers **136**, 1156.
Zoelly Turbines Unsatisfactory **160**, 2034.
Zogbaum, M.M. **358**, 1846. **359**, 148. **665**, 113.
One Dab of Whitewash for Nelson **358**, 1747.
Zornow, G.P. **569**, 795.
Zrinyi (Austrian) **454**, 1759.
Launched; description **134**, 596.
Zubian (Br.) **561**, 1293.
Zumwalt, E.R. **723**, 118, 120.
Beyond the Hump **677**, 59. **679**, 102. **681**, 103.
Course for Destroyers **717**, 28.
High-Low **878**, 46. **881**, 76. **882**, 69. **883**, 75. **884**, 91. **885**, 73. **886**, 79. **887**, 77. **888**, 74. **889**, 80. **890**, 80, 83.
Responsibility Pay for Officers **669**, 87.
20th Century Mahan? **861**, 70. **865**, 83.
Z-grams (01-70): **819**, 293.
Zurlinden, P.: Prelude to Saipan **531**, 581.
Zuyder Zee: Reclamation **203**, 145.